RCRA Compliance Evaluation Inspection Report

DANCHEM TECHNOLOGIES INC.
1975 OLD RICHMOND ROAD
DANVILLE, VA 24540

Telephone Number: (434) 797-8120

Inspection Date:
June 2, 2009

RCRA Identification Number: VAD988170684

EPA Representative:	Jeffrey A. Dodd, Inspector Office of Enforcement, Compliance and Environmental Justice (304) 234-0254
State Representative:	Todd Nash, Inspector VA Dept. of Env. Quality (434) 582-6215
Facility Representative:	Scott Veselicky, Director Regulatory Affairs Charlie Martin, Site Safety Coordinator Danchem Technologies, Inc. (434) 797-8120

Background

On June 2, 2009, the United States Environmental Protection Agency, Region III ("EPA"), Office of Enforcement, Compliance and Environmental Justice conducted an unannounced Compliance Evaluation Inspection ("CEI") under the Resource Conservation and Recovery Act ("RCRA"), as amended, 42 U.S.C. Sections 6901 et seq. of the Danchem Technologies, Inc. ("Danchem") facility. USEPA Inspector Jeffrey Dodd conducted the inspection for US EPA Region 3 and was accompanied by Virginia Department of Environmental Quality ("VADEQ") Inspector Todd Nash. The facility was represented by Scott Veselicky, Director Regulatory Affairs and Charlie Martin, Site Safety Coordinator for Danchem Technologies, Inc.

The inspection included an evaluation of Danchem's processes and compliance with federal environmental regulations. VADEQ representative, Todd Nash was present to observe and provide assistance concerning evaluation of Danchem's processes and compliance with state environmental regulations. All information included in this report are the results of statements by the facility representative, materials shown to the inspectors by the facility representatives during the inspection, information and documents provided during the inspection at EPA's request, and a review of EPA and state records. An EPA TSD Generator checklist was completed during this inspection and is included in Attachment No. 1 to this report.

General Facility Information

The Danchem Technologies, Inc. facility is located in Danville, VA at 1975 Old Richmond Road. (See Attachment 2). The facility is a specialty chemical manufacturer.

Permit Status

Danchem Technologies, Inc is a large quantity generator of hazardous waste under RCRA ID No. VAD988170684.

Inspection Observations – June 2, 2009

EPA Inspector Dodd began the inspection with presentation of official credentials and a full explanation of the scope and purpose of the RCRA CEI to Scott Veselicky, Director Regulatory Affairs for Danchem Technologies, Inc. Mr. Veselicky indicated he is responsible for overall management of hazardous waste at the facility. EPA Inspector Dodd and VADEQ Inspector Nash interviewed Mr. Veselicky and Mr. Martin concerning generation and management of hazardous waste produced at the facility. Mr. Veselicky provided a brief description of the facility background, processes, waste streams and waste management practices at the facility.

Process Overview

The facility produces specialty chemicals for a variety of commercial, industrial or agricultural applications including but not limited to livestock feed additives, food/drug additives and chemicals to enhance specialty clothing properties. The facility consists of five (5) separate production plants which either focus on production of specialty chemicals on a batch type basis (Plants 1 and 4) or are dedicated batch production units for specific products which are continually produced for a specific customer (Plants 2, 3 and 5). The facility typically uses batch type production processes combining (blending) raw materials in batch reaction vessels to produce desired products. Waste materials are removed and returned to the production process or discarded as waste. Products are further refined by centrifugation, crystallization, distillation, emulsification, filtration, flaking, mixing and drying and packaged for subsequent delivery to customers.

Raw Materials

Raw materials used at the facility vary widely depending on the products being manufactured. Raw materials may include but are not limited to various corrosives (various acids and bases), flammable materials, solvents such as methyl ethyl ketone, xylene, methanol, acetone and toluene, and various organic and inorganic compounds

Waste Streams

The primary hazardous waste streams generated at the facility include waste solvents, off-spec raw materials, solvent recovery still bottoms, arsenic contaminated wash waters and waste samples. See the facility's 2007 Hazardous Waste Biennial Report for a complete description of waste streams generated at the facility. The facility also generates universal waste lamps and used oil from production equipment maintenance activities.

There are several satellite accumulation containers and one (1) 90-day hazardous waste storage area at the facility. At the conclusion of the interview, Mr. Veselicky and Mr. Martin escorted EPA Inspector Dodd and VADEQ Inspector Nash on a tour of the facility. Pertinent observations concerning the storage and management of hazardous waste are provided below.

Plant 2 – Storage Shed

- Inspectors observed one (1) 55-gallon drum labeled to contain "partial waste lime" in this area of the facility. See photo 1. According to the facility representatives, this material is generated during floor sweeping in the production unit. The waste material (sweepings) are placed into the drum in the production unit and subsequently stored in the storage shed (different building and location than the production unit building) until the drum is full. Once the container is full it is transferred to the facility's 90 day RCRA storage area where it is handled and disposed of as a RCRA non-hazardous waste. According to the facility

representatives, the waste lime is not a hazardous waste based upon generator knowledge of the waste stream. The waste stream is a solid powder, therefore it is not a liquid or aqueous waste measurable by EPA Method 9040 for pH determination. Inspector Dodd requested a copy of the material safety data sheet ("MSDS") and waste profile for this waste stream. See Attachment 3.

Plant 2 - RCRA Hazardous Waste Storage Pad

- The facility's RCRA hazardous waste storage pad is a contained, concrete floored, roofed and partially sided area where 55-gallon drums and 250-gallon totes of waste are stored prior to off-site disposal. See photo 2. Approximately 124 x 55-gallon drums and 4 x 250 gallon totes of hazardous waste were present. All containers were in apparent good condition, closed, labeled as containing hazardous waste and were dated < 90 days. In addition, 4 x 55-gallon drums of non hazardous waste were present in the storage area.

Waste Water Treatment Basin

- The facility utilizes a basin which receives waste water from its production processes prior to discharge to the local POTW for treatment. See photo 3. The facility has an industrial wastewater discharge permit with the City of Danville Northside Wastewater Treatment Plant. The pretreatment permit requires continuous monitoring of the waste water in the basin for pH, monthly analysis of pH, BOD, TSS and TKN, quarterly analysis of metals, cyanide and oil & grease and annual analysis for priority toxic pollutants. See Attachment 4. The wastewaters which enter the basin result from washing manufactured products, condensing vapors from process equipment, and pre and post cleaning of production reactors and other production equipment. The basin is underlain with a liner which was replaced in 2008. Sludge which accumulates in the basin is typically removed twice per year as non-hazardous waste. See Attachment 5.

Laboratory

- Inspectors observed one (1) 55-gallon drum used for satellite accumulation of waste solvents. The container was located outside of the laboratory, was fitted with a funnel and valve which was in the closed position and was placed on top of a secondary containment box. See photo 4. The drum was labeled as containing hazardous waste. Facility personnel conduct and document weekly inspections of this container.

Maintenance Shop

- Inspectors observed one (1) 55-gallon drum used for satellite accumulation of waste aerosol cans. The container was closed and labeled as containing hazardous waste. See photo 5.

- The facility accumulates universal waste bulbs in this area of the facility. Inspectors observed five (5) cardboard containers used for storage of used bulbs. See photo 6. All containers were labeled to contain universal waste lamps with accumulation start date noted. All accumulation start dates were < 1 year.

Maintenance Shop Storage Shed

- Two (2) 55-gallon drums for accumulation of used oil were observed in this area of the facility. See photo 7. The drums were not labeled at the time of the inspection. Facility representatives immediately labeled the drums as used oil.

Plant 3

- Inspectors observed one (1) 55-gallon drum used for satellite accumulation of hazardous waste. The container was closed and labeled as containing hazardous waste.

Upon completion of the facility tour, Inspectors Dodd and Nash acquired additional information from the facility representative via interviews and reviewed requested documentation. Copies of several documents were requested by the inspector which was provided by the facility during the inspection. Upon completing review of requested documentation at the facility, a closing conference was held between the inspector and facility representative. Areas of concern noted during the inspection were briefly discussed with the facility representative.

Inspection logs

The facility conducts and documents weekly inspections of the hazardous waste container storage area. No concerns were noted.

Manifests

Selected hazardous waste manifests and land disposal restriction (LDR) forms for calendar years 2007 through 2009 were reviewed as part of the inspection. Copies of selected hazardous waste manifests obtained during the inspection are included as Attachment 6. Land disposal notification forms were not present for several waste streams sent to several one disposal facilities but were subsequently provided by the facility representative.

Training

The facility provided documentation of job title, job description, initial and continuing training descriptions and training records for the individual(s) responsible for hazardous waste management at the facility. All personnel take annual HAZWOPER refresher training and management personnel take annual hazardous waste management training.

Preparedness and Prevention Program

The facility maintains a preparedness and prevention program which includes internal/ external communications and alarm systems, fire control, spill control and decontamination equipment. The facility has an internal fire water system which utilizes city water as it's source. General facility housekeeping and organization was observed throughout the facility allowing unobstructed access to hazardous waste storage areas in case of an emergency. Local authorities have been familiarized with the nature of hazards present at the facility through cooperative training and drills at the facility with local emergency responders.

Contingency Plan

The facility has documented procedures in place which describe actions to be taken in case of emergency. The plan was dated October 2002 and is in the process of being revised. These procedures describe actions to be taken in case of an emergency, initiation of emergency response procedures, emergency coordinators, communication/ notification system and evacuation plans for facility personnel. A roster of emergency coordinators with contact information, evacuation plan and a list of emergency equipment are present in the plan. According to the facility representative, a copy of the facility's emergency response plan was sent to local emergency responders.

Air Emission Standards

The facility indicated that it is not subject to RCRA Subpart AA/BB/CC air emission regulations since it is not a permitted TSDF, nor does it store or treat hazardous waste in tanks at the facility. See Attachment 5. However, the facility does store hazardous waste in containers (55-gallon drums and 250-gallon totes) which may contain hazardous waste with > 500 ppmw of volatile organics. According to the facility, the containers meet DOT standards and utilize covers with no visible gaps.

Biennial Report

The 2007 Biennial Report submitted to VADEQ by Danchem Technologies, Inc. on February 28, 2008 was reviewed during the inspection. A copy of the 2007 Biennial Report is included as Attachment No. 7 to this report.

Attachments

1. EPA Generator RCRA Inspection Checklist
2. Location Map
3. Material Safety Data Sheet - Lime
4. Industrial Wastewater Discharge Permit
5. E-mail Correspondence From Danchem Technologies, June 22, 2009
6. Manifests
7. 2007 Biennial Report
8. Photos

Attachment 1
EPA RCRA Inspection Checklist

June 25, 2009

Haz Waste/LDS, 2009/2
Train Documentation
PPC
Biennial Haz Waste Report
Inspection Logs.

EPA GENERATORS CHECKLIST

Name of Facility: Danclem Technologies
Address: ~~1975~~ 1975 Old Richmond Road
Danville, VA 24540
Geo Coordinates

EPA ID#: VAD 988170684
Name/Title of Facility Rep: Scott Veselicky, Director Reg. Affairs (overall respon)
Charlie Martin, Site Safety Coordinator

I. General:

1. Provide a brief description of the type of operation(s) that produce hazardous waste at this facility: See notes

2. Does the facility perform the following on-site:

   a. Storage (greater than 90 days) of hazardous waste: Yes (No)

   b. Treatment of hazardous waste: Yes (No)

   c. Disposal of hazardous waste: Yes (No)

   If yes, complete appropriate TSD checklists.

List the maximum amount of each type of hazardous waste generated on a monthly basis and the amount accumulated on-site at the time of the inspection.

Waste Code	Amount Generated	Amount Accumulated

3. Is the facility subject to any exclusions for it's hazardous waste: Yes (No)
   If yes, list waste and basis for exclusion.

4. Waste Minimization: What has been done facility wide to reduce the volume and or toxicity of the waste generated? Process review and monitoring process efficiency to reduce waste generated. e.g. will reduce waste if fields generated in Plt 3.
5. Does the facility generate any characteristic hazardous waste? (Yes) No
   If yes, describe how these characteristics were determined, i.e.

testing or knowledge process/material used. Analytical testing & generator knowledge

6. Does the facility contemplate any changes in its operation from a hazardous waste generation or management perspective? (Yes) No
If yes, describe:

II. Manifest (Complete this section only if facility ships hazardous waste off-site)

262.20(a)
1. Does this facility use the Uniform Hazardous Waste Manifest? (Yes) No
If no, describe system used.

If yes, review a representative number of manifests and indicate whether they contain:

a. Generator's name, mailing address, telephone number and EPA ID number? (Yes) No

b. Transporter's name and EPA ID number? (Yes) No

c. DOT waste description, including proper shipping name, hazardous waste class and DOT identification number? (Yes) No

d. Number and type of containers (if applicable)? (Yes) No

e. Quantity of each waste transported? (Yes) No

f. Name, EPA ID number and site address of facility designated to receive the waste? (Yes) No

g. The following certification? (Yes) No

"I hereby declare that the contents of this consignment are full and accurately described above by proper shipping name and are classified, packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable internation and national government regulations.

Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under section 3002(b) of RCRA, I also certify that I have a program in place to reduce the volume and toxicity of waste generate to the degree I have determined to be economically practicable and I have selected the

method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and environment."

262.23(a)

2. Did the generator:

a. Sign and date the manifest? (Yes) No

b. Obtain the handwritten signature and date of acceptance from the initial transporter? Yes No - One manifest 001246982 7/21/07 No date. ✓ Provided 6/22/09 gp

c. Ensure that return copies of the manifest from the TSD facility were properly signed and dated? (Yes) No

d. Retain a copy of the signed manifest for at least three years? (Yes) No

Reviewed all of 2007 + spot checked 2007 Need LDR forms for shipments to Giant Resource Recovery. Provided 6/22/09 gp

(The inspector should obtain copies of <u>any</u> manifests that are found to have problems)

III. Pre-Transport Requirements

Manifest System: **(Complete only if the facility ships hazardous waste off-site)**

1. Identify the name and address of off-site facilities which have received waste from this generator.

Name: See Biennial report
Addr:
Phn:
ID#:

2.Is there any indication that the facility is:

262.30

a. Not packaging its waste in accordance with DOT regulations (49 CFR Parts 173, 178 and 179)? Yes (No)

262.31

b. Not labeling each package in accordance with DOT regulations (49 CFR Part 172)? Yes (No)

262.32 (a) & (b)

c. Not marking each container of 110 gallons or less with the words

"hazardous waste -------" or each package of hazardous waste in accordance with DOT regulations (49 CFR Part 172)? Yes (No)
If yes, explain:

262.33
3. Does the facility placard or offer the transporter placards for its hazardous waste shipments? (Yes) No offered.

IV. Waste Accumulation

1. Does the facility utilize the following types of hazardous waste accumulation:

   a. Satellite accumulation? (Yes) No

   b. Less than 90 day storage? (Yes) No (1)

Answer the following questions if the generator has satellite accumulation area(s).

262.34(c)(1)
2. Is satellite accumulation area(s) near the point of waste generation and under the control of the operator of the process actually generating the waste? Yes (No)
If no, describe: Satellite accum. container for lab waste located outside of laboratory. Faculty conducts & documents weekly inspections of sat. accum. contain

262.34(c)(1)
3. Are there multiple satellite accumulation areas for any one process that generate hazardous waste? Yes (No)
If yes, describe:

262.34(c)(1)
4. Is the waste stored in container(s)? (Yes) No

265.171
5. Are container(s) in good condition? (Yes) No
If no, explain:

262.34(c)(1)(ii)
6. Are container(s) marked with the words "hazardous waste" or with other words identifying the contents? (Yes) No

265.173(a)
7. Are container(s) kept closed? (Yes) No

265.171

8. Are any container(s) leaking? Yes (No)
   If yes, describe:

262.34(c)(1)

9. Has the facility accumulated more than 55 gallons of hazardous waste or more than 1 quart of acutely hazardous waste in a satellite accumulation area? Yes (No)
   If yes, answer the following questions.

   a. Are the container(s) holding excess waste dated as to when accumulation began? Yes No

   b. Does the excess waste comply with the less than 90 day storage requirements (40 CFR Part 262,34(a)) within three days of the time when accumulation of such excess waste began? Yes No

Answer the following questions if the facility has less than 90 day storage.

10. Does the facility maintain personnel training and other records required in 40 CFR Part 265.16? (Yes) No

If yes, do these records include:

265.16(d)(1) [as Referenced by 262.34 (a)(4)

a. Job title for each person related to hazardous waste management and the employee filling each job? (Yes) No

265.16(d)(2)

b. A written job description for each position? (Yes) No

Process operator - should include verbiage concerning haz waste mana...

265.16(d)(3)

c. A written description of the type and amount of training that will be given to each person? (Yes) No

265.16(d)(4)

d. Documentation that the training or job experience required by facility personnel to effectively respond to emergencies and other wise manage hazardous waste in a proper manner has been successfully completed? (Yes) No

All personnel take annual Haz wope. train March 2009. Management personnel also take annual Haz waste Management Training. past take u 1/2008 Charlie Martin

265.16(b)

11. Have facility personnel successfully completed the required training or job

experience within six months after occupying the position. Yes No

265.16(c)

12. Do facility personnel take part in an annual review of initial training requirements and update them as necessary? Yes No

262.34(a)(4)

13. Does the facility maintain an adequate preparedness and prevention program as required in 40 CFR265 Subpart C? Yes No

Is the facility equipped with:

265.32(a)

a. Internal communications or alarm system? Yes No
Evacuation Alarm Pull station Intercom System, PA System

265.32(b)

b. Telephone or hand-held two way radio? Yes No
Radios, cell phone

265.3(c)

c. Portable fire extinguishers or other fire control equipment, spill control equipment and decontamination equipment? Yes No

265.32(d)

d. Adequate volume of water? Yes No City water

265.33

14. Does the facility maintain the above equipment to assure its proper operation? Yes No

265.35

15. Is there sufficient aisle space to allow unobstructed movement of personnel and equipment to areas where hazardous waste are located in the event of emergency? Yes No

265.37(a)(1)

16. Has the facility made arrangements with local authorities to familiarize them with the layout of the facility and the nature/hazards of the hazardous waste handled at the facility? Yes No Develop Haz Waste / Confined Space Team Co-Training with City of Danville Mock coordinator drill Fire Ext Train with local EMA
City & County LEPC Member

262.34(a)(4)

17. Has the facility prepared a contingency plan and is it maintained at the facility? Yes No

Last updated 10/2002
Currently being revised as of 3/2009

Spill response stations observed throughout facility

If yes, does it contain the following:

a. Description of the actions that are to be taken in case of an emergency (all potential types of emergencies should be identified)? (Yes) No

b. Description of arrangements made with local authorities? (Yes) No

c. Current list of emergency coordinators names, addresses and phone numbers (office and home)? (Yes) No

d. List of all emergency equipment at the facility, including locations, descriptions and relevant capabilities? (Yes) No

e. Evacuation plan for facility personnel? (Yes) No

The inspector should obtain a copy of the facility's contingency plan if problems are found.

265.53(b)

18. Were copies of contingency plan presented to local authorities that may provide emergency services? (Yes) No

19. Has the facilities contingency ever failed in an emergency? Yes No (N/A)

If yes:

265.54(b)

a. Was the contingency plan immediately amended?

265.56(j)

20. If the contingency plan is implemented, does the facility record the incident in its operating log and submit a written report of the incident to the appropriate state agency? (Yes) No (N/A)

262.34(a)(1):

21. What is the method of waste storage:
    Containers? (Yes) No 55 gal smaller
    Tanks? Yes (No)
    Other? Yes No **If yes, describe:** Totes

262.34(a)(2)&(3)

22. Are the container(s) marked with the words "Hazardous Waste" and the date that was accumulation in that container begins? (Yes) No

262.34(a)

23. Based upon accumulation dates, have any container(s) been in storage more than 90 days? Yes (No)

If yes, inspector should complete the appropriate TSD checklists.

265.171

24. Are container(s) in good condition? (Yes) No

If no, explain:

265.172

25. Are containers made out of or lined with materials which will not react with or be incompatible with the wastes they are storing? (Yes) No

265.173(a)

26. Are containers kept closed? (Yes) No

265.171

27. Are any container(s) leaking? Yes (No)

If yes, describe:

265.174

28. Are container storage area(s) inspected at least weekly and is an adequate inspection record/log maintained? (Yes) No

If no, explain:

265.35

29. Is adequate aisle space maintained? (Yes) No

If no, explain:

265.176

30. Are container(s) holding ignitable or reactive waste located at least 15 meters (50 feet) from the facility's property line? (Yes) No N/A

31. Are incompatible wastes placed in the same container(s)? Yes (No)

If yes, explain:

265.177(a)

a. Is there any evidence that conditions of extreme heat or pressure, fire or explosion, violent reactions or toxic emissions occurred. Yes (No)

If yes, describe:

265.177(c)

32. Are container(s) holding incompatible hazardous wastes properly separated or protected from one another while in storage. Yes No (N/A)

Answer the following questions if the facility uses tank storage.

262.34(a)(3)

33. Is the tank(s) labeled or clearly marked with the words "Hazardous Waste"? Yes No

262.34(a)

34. Is the tank(s) marked with the date that waste accumulation begins in the tank(s) or does the facility have in its records when waste accumulation started in the tank(s)? Yes No

262.34(a)

35. Based upon accumulation dates, has the facility stored hazardous waste in its tank(s) for more than 90 days? Yes No

If yes, the inspector should complete the appropriate TSD checklists.

36. Which of the following describes the tank(s) employed at this facility (highlight or circle appropriate response(s))?

    a. Indoor - not on impermeable floor

    b. Indoor - on impermeable floor

    c. Outdoor - above ground

    d. Outdoor - in ground

    e. Outdoor - underground

37. What is the approximately age of the tank(s)?

265.191

38. Does the tank(s) appear to be in good condition? Yes No
    If no, describe:

265.191

39. Is the tank(s) leaking? Yes No
If yes, describe:

265.193
40. Is the tank(s) provided with an effective secondary containment system? Yes No

265.191(b)
41. Was a leak test performed on the tank(s)? Yes No

265.194(b)
42. Is the tank(s) provided with adequate controls to prevent spills or overflows (i.e., automatic feed cutoff, bypass to another unit, high level alarms, etc.) Yes No

265.194(b)
43. Is there sufficient freeboard (2 feet) in uncovered tank(s) to prevent overtopping by wave or wind action or precipitation? Yes No N/A

265.195(a)
44. Is tank(s) inspected each operating day? Yes No

If yes, do inspections include:

265.195(a)(1)
a. Overfill/spill control equipment? Yes No N/A

265.195(a)(2)
b. Above ground portions of the tank(s) for corrosion or releases? Yes No

265.195(a)(3)
c. Data gathered from monitoring equipment and leak detection equipment? Yes No

265.195(a)(4)
d. Area immediately surrounding the externally accessible portion of the tank(s) and secondary containment system for signs of erosion and releases? Yes No

265.195(b)(4)
45. Does this facility perform annual inspections of the cathodic protection system, if present. Yes No N/A

265.195(c)
46. Does the facility properly document all of the results of its tank system inspections? Yes No

265.196

47. Is there any indication that the facility did not properly respond to spills or leaks from a tank(s) (this would include failure to stop the spill/leak, failure to clean up spilled/leaked material, failure to minimize migration, failure to remove tank(s) from service immediately, failure to provide notification, etc.)? Yes No
If yes, describe:

48. Does the facility store any ignitable or reactive waste in its tank(s). Yes No

If yes:

265.198(a)(1)

a. Is the waste treated, rendered or mixed before or immediately after placement in the tank(s) so that it no longer meets the definition of ignitable or reactive waste? Yes No

265.198(a)(2)

b. Is the waste stored in such a way that it is protected from any material or condition that may cause the waste to ignite or react? Yes No

265.198(a)(3)

c. Is the tank(s) used solely for emergencies? Yes No

265.198(b)

d. Does the tank(s) appear to be a safe distance from the facility's property line and public thoroughfares? Yes No
If no, describe:

49. Is there any indication that incompatible wastes are being stored in a tank(s)? Yes No

V. Record Keeping and Reports

262.42(a)(2)

1. Does the facility prepare an Exception Report and submit it to the Regional Administrator if a signed copy of the manifest is not received within 45 days of the date the waste was accepted by the initial transporter? Yes No

If yes: NA

a. Legible copy of the manifest? Yes No

Maintenance Shop.

Waste Aerosol Can. 1x55 gal drum.
Labeled hz waste - aerosol cans.
Satellite accum. container closed.
Photo 5.

1 safety Kleen Parts washer.
Waste solvent goes out as hz waste

Waste flourescent Bulb Storage.
Labeled Universal Waste / accumulation start date.
5 containers. <1 yr.

Storage Shed.
2x 55 gal drums used for accumulation & used oil from maintenance activities, e.g. fork lift maintenance.
- Faulty labeled drums after inspection

Plant 3 - Sat Hz waste accumulation
Labeled hz waste, Toluene Solids & filter

b. Cover letter explaining generators efforts to locate waste and the results of those efforts? Yes No

262.41(a)

2. If the facility ships any hazardous waste off-site, does it prepare a Biennial Report and submit it to the Regional Administrator by march 1 of each even numbered year. (Yes) No N/A

If yes, does the Biennial Report include:

262.41(a)(3)

a. Name, address and EPA ID number for each off-site TSD facility to which waste was shipped during the year? (Yes) No

262.41(a)(4)

b. Name and EPA ID number of each transporter used during the year? (Yes) No

262.41(a)(5)

c. Description and quantity of each hazardous waste shipped off-site (listed by EPA ID number of each TSD facility to which it was shipped)? (Yes) No

262.41(a)(6)

d. Efforts undertaken during the year to reduce the volume and toxicity of the waste generated? Yes No NA

262.41(a)(7)

e. Description of the changes in volume and toxicity of the waste actually achieved during the year? Yes No NA

262.40(a)(b)(c)

3. Does the facility retain copies of Biennial Reports, Exception reports and test results/waste analyses for a minimum of three years from the date that the waste was last sent to on-site or off-site treatment, storage or disposal? (Yes) No

Additional Comments:

Plt 3. MVA
MVE
Toluene
Maleic Anhydride
Haz waste present in area.

Waste water Treatment Basin - receives waste water High pH & Low pH waste stream which mixes & is then discharged to City Sanitary Sewer under pre-treatment permit w/ City of Danville.
Plant #3.

Lab Waste Accumulate

Plt 6 if 1 x 55 gal drum satellite haz waste accumulate container. Funnel with stop cock in closed position. Labeled waste solvent with haz waste sticker. Located on 2nd containment box outside of lab area.

Plt 5. Industrial.
Haz waste streams generated.

Plt 1 - Campaign batch product. A wide variety of products. Haz waste would be generated generally after clean out cleanout. Material is directed to 55 gal drum labelled and sent to < 90 day storage pad.

Plt 4 - Essentially dries products generated from Plt 1.
Haz waste streams routinely generated

Inspector's Name: J Dodd
Title: ~~Inspection~~
Agency: EPA
Office Location: WFO
Date of Inspection: 6/2/09

Waste Minimization -

Universal Waste lamps.

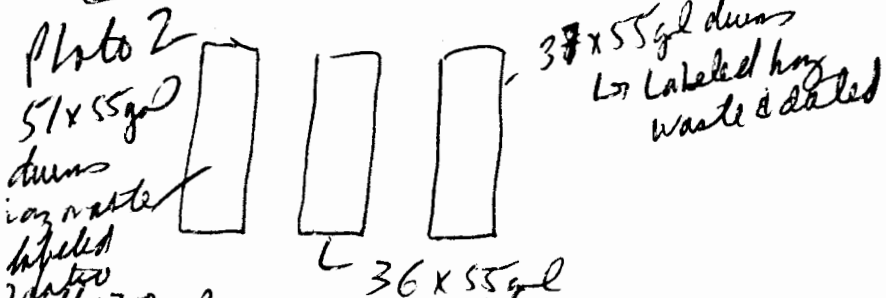
Used oil - generated from equipment maintenance activities

Waste Aerosol cans

Plant 2 ~~Storage~~ Super Sack Warehouse

1 x 55 gal Drum. Labeled to contain "Partial Waste Mine". No date. ~~Co~~ Waste generated from floor sweepings in Plt 2. Bring drum up to area when they clean up, then put back in shed to store.

Hazardous Waste <90 Storge Pad



1 x 55 gal drum of waste line generated from Plant 2. Listed as non hz waste. Review profile. Some material as observed in Plt 2 Super Sacks 13 Warehouse.

- 5 plants Specialty chemical production facility

Plt 1, 4 - Batch process - produce various chemicals for individual customers
Cattle Feed Additive

Plt 2 - Dedicated customer - additive for Nomex clothing
~~Continuous process~~ batch process

Plt 3 - Dedicated customer - batch/semi continuous process
- ~~powder~~ additive for dentures, hair gel adhesive personal lubricant

Plt. 5 - Dedicated customer - additive for a laxative product

Maintenance shop - Laboratory

Raw Materials - corrosive, flammables, acids, bases, solvents (MEK, xylene, methanol, acetone, toluene).
Varies widely depending on products being made.

Waste Streams - D001 flammable material (solvents)
F003/F005

Stripper with water will condense vapors off production unit for recapture/re-use or disposal

Attachment 2
Location Map

http://iaspub.epa.gov/enviro/lrt_viewer.map_page?sys_acrnm=RCRAINFO&sys_id=VAD988170684
Last updated on Thursday, June 18th, 2009.

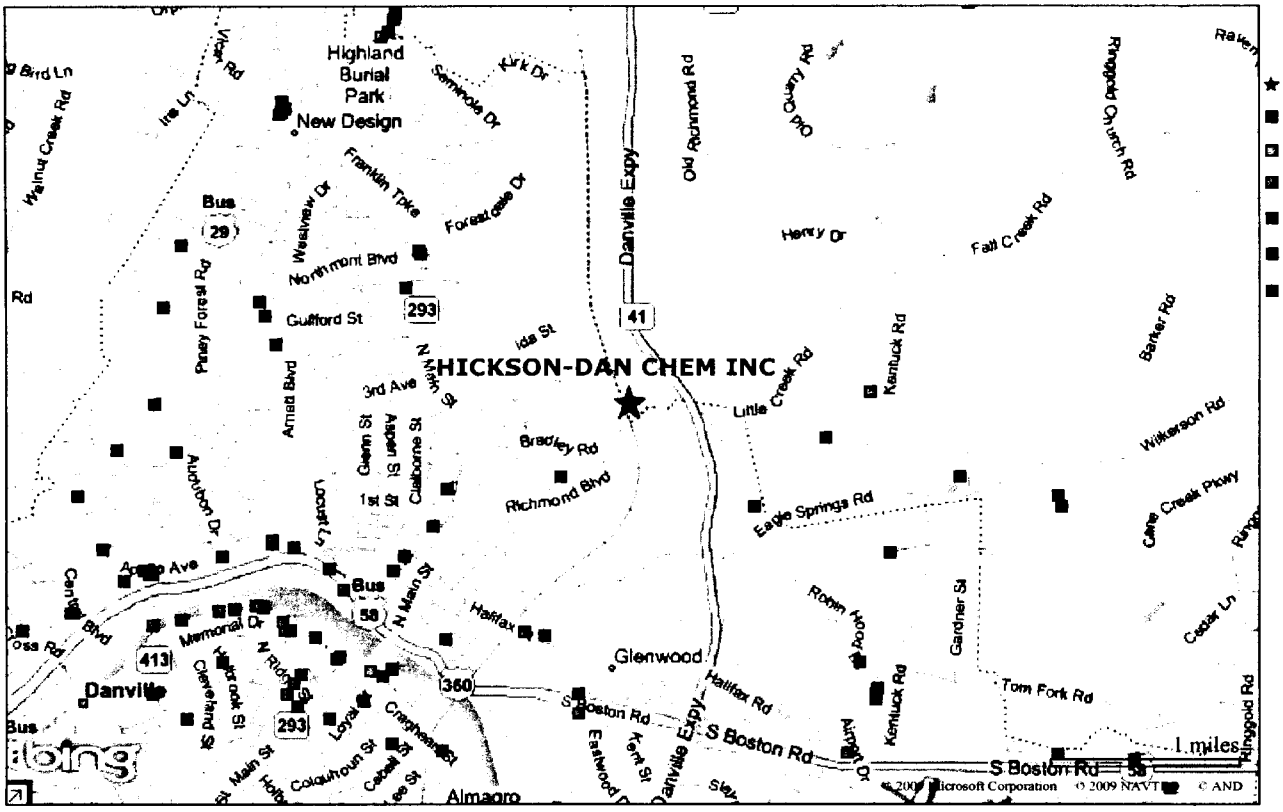
Locational Reference Tables (LRT)

Facility Location Information

Report an Error

Locational Information

HICKSON-DAN CHEM INC
1975 RICHMOND BOULEVARD
DANVILLE VA 24543
Latitude: 36.608889 Longitude: -79.364167



Legend

- ★ **Selected facility**
- ■ **Multi-activities**
- ■ **Superfund**
- ■ **Toxic releases**
- ■ **Water dischargers**
- ■ **Air emissions**
- ■ **Hazardous waste**

The latitude and longitude coordinates above come from the Envirofacts Locational Reference Tables (LRT). The method used to derive the Most Accurate Coordinates was INTERPOLATION-PHOTO. These coordinates correspond to PLANT ENTRANCE (GENERAL) and represent the best location for the facility.

Query executed on JUN-18-2009

Attachment 3
Material Safety Data Sheet - Lime

MATERIAL SAFETY DATA SHEET

cc: JB
CR
GH
Prod. - Plant
" - plant

HICKSON
DanChem
Hickson DanChem Corporation

Hickson DanChem Corp.
P.O. Box 400
Danville, VA 24543

DATE PREPARED: DECEMBER 1, 1999

REVISION NUMBER: 5

EMERGENCY TELEPHONE: (804) 797-8105
8 A.M. - 5 P.M. (EASTERN), MON. - FRI.

MSDS #:000/LS/90-4

CHEMTREC:..............................800-424-9300

SECTION I - IDENTIFICATION

PRODUCT NAME:...................... HPCH

SYNONYMS:.............................. CALCIUM HYDROXIDE, HYDRATED LIME, SLAKED LIME

CHEMICAL FAMILY:.............. ALKALINE EARTH METAL HYDROXIDES

FORMULA:................................ $Ca(OH)_2$

CAS NUMBER:.......................... 1305-62-0

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER	PEL
LIME, HYDRATED	> 99	1305-62-0	5 mg/cu m

SECTION III - PHYSICAL DATA

APPEARANCE:.......................... WHITE POWDER, LOW ODOR

BOILING POINT:...................... NOT DETERMINED

MELTING POINT:..................... NOT DETERMINED

VAPOR PRESSURE:.................. NOT APPLICBLE

VAPOR DENSITY (AIR=1):...... NOT APPLICABLE

SPECIFIC GRAVITY:............... 2.7 - 2.9

MATERIAL SAFETY DATA SHEET

pH: ..... **ALKALINE**

SOLUBILITY IN WATER: **0.16%**

% VOLATILE: ..... **0% BY WEIGHT**

EVAPORATION RATE **0**

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: ..... **NONE**

METHOD: ..... **NOT APPLICABLE**

EXTINGUISHING MEDIA: ..... **WATER, FOAM**

SPECIAL FIRE FIGHTING PROCEDURES: ..... **FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS DUE TO HAZARDOUS DECOMPOSITION PRODUCTS**

UNUSUAL FIRE AND EXPLOSION HAZARDS: ..... **NONE**

SECTION V - REACTIVITY DATA

STABILITY: ..... **STABLE**

HAZARDOUS POLYMERIZATION: ..... **WILL NOT POLYMERIZE**

INCOMPATIBILITY: ..... **ACIDIC MATERIALS**

HAZARDOUS DECOMPOSITION: ..... **NONE**

SECTION VI - HEALTH DATA

THRESHOLD LIMIT VALUE: . **5 mg/cu m**

OSHA PEL: ..... **5 mg/cu m**

LISTED CARCINOGEN: ..... **NO**

MEDICAL CONDITION AGGRAVATED: ..... **PERSONS WITH PRE-EXISTING SKIN CONDITIONS MAY BE MORE SUSCEPTIBLE**

INHALATION: ..... **MIST MAY CAUSE LUNG AND RESPIRATORY TRACT IRRITATION**

MATERIAL SAFETY DATA SHEET

INGESTION: ..... **DUST OR SOLIDS ARE CORROSIVE TO THE MOUTH AND THROAT**

EYES: ..... **WILL CAUSE SEVERE EYE IRRITATION. DAMAGE MAY BE PERMANENT.**

SKIN (DERMAL): ..... **REPEATED OR PROLONGED CONTACT MAY CAUSE SKIN BURNS**

SECTION VII FIRST AID

BREATHING (INHALATION): **IF SYMPTOMS OCCUR, REMOVE TO FRESH AIR**

SWALLOWING (INGESTION): **IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE VICTIM A GLASS OF WATER. CALL A PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**

EYES: ..... **IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. REMOVE MATERIAL FROM SKIN AND CLOTHING.**

SKIN: ..... **IN CASE OF CONTACT, IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER. REMOVE CONTAMINATED CLOTHING. WASH CLOTHING BEFORE REUSE.**

NOTE TO PHYSICIAN: ..... **NONE**

SECTION VIII EMPLOYEE PROTECTION

RESPIRATORY PROTECTION: **IF NECESSARY, USE RESPIRATOR APPROVED BY NIOSH FOR DUSTS AND MISTS. USE WITH LOCAL EXHAUST VENTILATION.**

PROTECTIVE EQUIPMENT: .. **WEAR GOGGLES; NEOPRENE, BUTYL RUBBER, OR VINYL GLOVES; NEOPRENE SHOES OR BOOTS; AND CLEAN PROTECTIVE OUTER CLOTHING.**

ADDITIONAL MEASURES: ..... **EMERGENCY EYE WASH. WASH AFTER HANDLING. STORE IN COOL DRY PLACE. KEEP CONTAINER TIGHTLY CLOSED. KEEP AWAY FROM ACIDS.**

SECTION IX - SPILL AND DISPOSAL DATA

SPILL / LEAK PROCEDURES: .....**ABSORB SPILL WITH INERT MATERIAL, THEN PLACE IN A CHEMICAL WASTE CONTAINER. FLUSH RESIDUAL SPILL WITH WATER.**

WASTE DISPOSAL:.....**SOLID MATERIAL IS NOT A RCRA HAZARDOUS WASTE. OBSERVE FEDERAL, STATE AND REGULATIONS REGARDING WASTE DISPOSAL.**

MATERIAL SAFETY DATA SHEET

SECTION X - TRANSPORTATION DATA (DOT)

GROUND (BULK)
PROPER SHIPPING NAME: .....N/R UNDER 49 CFR
FREIGHT DESCRIPTION: .....LIME (ITEM# 42160)
FREIGHT CLASS:.....50

GROUND (DRUMS)
PROPER SHIPPING NAME: .....N/R UNDER 49 CFR
FREIGHT DESCRIPTION: .....LIME (ITEM# 42160)
FREIGHT CLASS:.....50

AIR
PROPER SHIPPING NAME: .....N/R UNDER 49 CFR
FREIGHT DESCRIPTION: .....LIME (ITEM #42160)
FREIGHT CLASS:.....50

WATER
PROPER SHIPPING NAME: .....N/R UNDER 49 CFR
FREIGHT DESCRIPTION: .....LIME (ITEM# 42160)
FREIGHT CLASS:.....50

SECTION XI - OTHER REGULATORY DATA

RCRA STATUS:.....DEPENDENT ON pH VALUE
TSCA STATUS.....LISTED ON TSCA INVENTORY
SARA (SECTION 302).....NOT APPLICABLE
SARA (SECTION 312).....ACUTE
SARA (SECTION 313).....NOT APPLICABLE
CWA
(PRIORITY POLLUTANTS).....NOT APPLICABLE

SECTION XII - PRECAUTIONARY LABEL STATEMENTS

CAUTION!! MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION.

SECTION XIII - ADDITIONAL INFORMATION

THE HAZARDOUS INGREDIENT(S) IN THIS PRODUCT ARE PRESENT IN THE AMOUNT SHOWN IN SECTION II. FOLLOWING IS DATA FOR THE INGREDIENT(S) IN 100% FORM.

LIME, SLAKED:..... THIS IS A WEAK ALKALL WATER SOLUTIONS (LIME-WATER) ARE NON-CORROSIVE. NO FATAL CASES OF HUMAN INTOXICATION HAVE BEEN REPORTED.

****

Attachment 4
Industrial Wastewater Discharge Permit

June 25, 2009

INDUSTRIAL WASTEWATER DISCHARGE PERMIT No. 20

In accordance with the provisions of the **Code of the City of Danville, Chapter 34, Sewers and Sewage Disposal,**

DanChem Technologies, Incorporated
1975 Old Richmond Road
Danville, Virginia 24540

is hereby authorized to discharge industrial wastewater from the above-identified facility into the City of Danville sewer system, in accordance with the effluent limitations, monitoring requirements, and other terms and conditions set forth in the two attached documents entitled **"Special Terms and Conditions of Permit No. 20"**, and **"Standard Conditions for Wastewater Discharge Permits"**, which terms and conditions are incorporated herein and made a part of this permit by reference, as if fully and completely set forth herein.

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than, or at a level in excess of that authorized shall constitute a violation of the permit.

This permit shall go into effect on **January 1, 2009** and shall expire at midnight on **December 31, 2013**.

The permittee shall not discharge after the date of expiration. If the permittee wishes to continue to discharge after this expiration date, an application must be filed for reissuance of this permit, in accordance with the requirements of **Section 34-49 (g), Code of the City of Danville.**

In the event of any conflict between the provisions of this permit and the provisions, standards, and/or requirements of **Chapter 34** of the **Code of the City of Danville** or any other applicable local, state, or federal law, which is currently in effect or which may hereafter be enacted or adopted, the provisions, standards, and/or requirements of **Chapter 34** of the **Code of the City of Danville** or of such other local, state, or federal law shall be controlling and shall prevail.

By: Barry S. Dunkley
Signature of Director of Water and Wastewater Treatment

Issued this 3rd day of December 2008.

SPECIAL TERMS & CONDITIONS FOR PERMIT NO. 20

Industry Name: **DanChem Technologies, Incorporated**

PART I: APPLICABLE EFFLUENT LIMITATIONS

SECTION 1: EFFLUENT DISCHARGE LIMITS

A. During the period from **January 1, 2009** to **December 31, 2013** the permittee is authorized to discharge wastewater from its custom chemical manufacturing processes to the City of Danville Northside Wastewater Treatment Plant (WWTP) via the City's sewer system. The effluents from its chemical production plants all flow to the pretreatment lagoon where they combine and flow through the Parshall flume and into the City's sewer system. The sanitary sewer waste from DanChem Technologies is separate from the production wastewater, is not monitored, and is not covered by this permit.

B. During the period from **January 1, 2009** to **December 31, 2013,** the wastewater discharged from the permittee's facility, as listed above, shall not exceed the following technology-based local effluent limitations. In addition, the discharge shall comply with all other applicable regulations and standards contained in **Chapter 34** of the **Code of the City of Danville,** and in any applicable state and federal law. DanChem Technologies, due to its manufacture of synthetic resins, polymers and other organic chemicals, is categorized as an Organic Chemicals, Plastics, and Synthetic Fibers (OCPSF) industry and is thus required to comply with all applicable regulations and standards found in **40 CFR Part 414; Subpart H – Specialty Organic Chemicals.** The OCPSF limits, found in **40 CFR Part 414.111** are listed in this section.

Local Limit Parameters	**Daily Maximum Limit** (mg/L)
Total Arsenic	0.0769
Total Cadmium	0.0182
Total Chromium	1.2609
Total Copper	0.6030
Total Lead	0.1099
Total Mercury	0.0384
Total Nickel	0.7103
Total Silver	0.0892
Total Zinc	0.7062
Total Cyanide	1.9706
Strong Waste Surcharge Parameters	**Six Month Average** (mg/L)
Biochemical Oxygen Demand (BOD_5)	300 *
Total Suspended Solids (TSS)	300 *
Total Kjeldahl Nitrogen (TKN)	N/A
Grab Parameters	**Grab Limit**
pH	5.0 s.u. **
Total Oil & Grease (HEM)	200 (mg/L)

* There is a Strong Waste Surcharge for wastewater having concentrations of BOD and/or TSS averaging in excess of 300 mg/L over a six month period (January – June and July – December). This calculation is based on an average of permittee and City analyses with rates determined by the City. Billing will be in July and January, if applicable. Discharges of wastewater with concentrations triggering or qualifying for payment of a Strong Waste Surcharge shall not constitute violations, exceedences or non-compliances of this permit.

** An effluent pH measuring less than 5.0 s.u. is a prohibited discharge as listed in **Chapter 34 of the Code of the City of Danville** and **40 CFR 403.5 National Pretreatment Standards: Prohibited Discharges.** Industrial discharges that cause the wastewater treatment plant's pH to exceed 10.0 s.u. are also prohibited. pH values are not averaged.

C. As provided in **Code of the City of Danville**, the permittee shall not discharge any wastewaters that are prohibited by **Chapter 34, Section 34-11. Prohibited Discharges.**

D. All discharges shall comply with the other applicable provisions, standards and requirements contained in **Chapter 34** of the **Code of the City of Danville**, and any applicable state and federal laws, standards, and requirements, including regulations, standards or requirements that may become effective during the term of this permit.

E. The flow rate used to calculate the OCPSF Mass limits was 0.3098 mgd. This was derived from flow values reported by DanChem during the July 2007 through June 2008 time period. This list of OCPSF categorical parameters are required to be tested annually.

OCPSF Category Parameters	OCPSF Daily Max. Conc. Limits PPB	OCPSF Monthly Avg. Conc. Limits PPB	OCPSF Daily Max. Mass Limits lbs/day	OCPSF Monthly Avg. Mass Limits lbs/day
Acenaphthene	47	19	0.121	0.049
Anthracene	47	19	0.121	.049
Benzene	134	57	0.346	0.147
Bis (2 – ethylhexyl) phthalate	258	95	0.667	0.245
Carbon Tetrachloride	380	142	0.982	0.367
Chlorobenzene	380	142	0.982	0.367
Chloroethane	295	110	0.762	0.284
Chloroform	325	111	0.840	0.287
Di – n – butyl phthalate	43	20	0.111	0.052
1,2 – Dichlorobenzene	794	196	2.051	0.506
1,3 – Dichlorobenzene	380	142	0.982	0.367
1,4 – Dichlorobenzene	380	142	0.982	0.367
1,1 – Dichloroethane	59	22	0.152	0.057
1,2 – Dichloroethane	574	180	1.483	0.465
1,1 – Dichloroethylene	60	22	0.155	0.057
1,2 – trans – Dichloroethylene	66	25	0.171	0.065
1,2 – Dichloropropane	794	196	2.051	0.506
1,3 – Dichloropropylene	794	196	2.051	0.506
Diethyl phthalate	113	46	0.292	0.119
Dimethyl phthalate	47	19	0.121	0.049
4,6 – Dinitro – o – cresol	277	78	0.716	0.202
Ethylbenzene	380	142	0.982	0.367
Flouranthene	54	22	0.140	0.057
Flourene	47	19	0.121	0.049
Hexachlorobenzene	794	196	2.051	0.506
Hexachlorobutadiene	380	142	0.982	0.367
Hexachloroethane	794	196	2.051	0.506
Methyl Chloride	295	110	0.762	0.284
Methylene Chloride	170	36	0.439	0.093
Napthalene	47	19	0.121	0.049
Nitrobenzene	6402	2237	16.541	5.780
2 – Nitrophenol	231	65	0.597	0.168
4 – Nitrophenol	576	162	1.488	0.419
Phenanthrene	47	19	0.121	0.049
Pyrene	48	20	0.124	0.052

Tetrachloroethylene	164	52	0.424	0.134
Toluene	74	28	0.191	0.072
Total Cyanide	1200	420	3.100	1.085
Total Lead	690	320	1.783	0.827
Total Zinc	2610	1050	6.744	2.713
1,2,4 – Trichlorobenzene	794	196	2.051	0.506
1,1,1 – Trichloroethane	59	22	0.152	0.057
1,1,2 – Trichloroethane	127	32	0.328	0.083
Trichloroethylene	69	26	0.178	0.067
Vinyl Chloride	172	97	0.444	0.251

PART II: MONITORING AND REPORTING REQUIREMENTS

SECTION 1: MONITORING REQUIREMENTS

A. From the period beginning on the effective date of the permit until **December 31, 2013,** the permittee shall monitor its discharges as follows:

Parameter (Units)	Sample Frequency	Sample Type
1. pH (s.u.)	4 per month	Grab
2. BOD_5 (mg/L)	4 per month	24 Hour Composite
3. TSS (mg/L)	4 per month	24 Hour Composite
4. TKN (mg/L)	4 per month	24 Hour Composite
5. Total Metals (mg/L) (1)	4 per quarter	24 Hour Composite
6. Total Cyanide (mg/L)	4 per quarter	Grab
7. OCPSF Category parameters (1st 6 Months) (2)	1 per year	24 Hour Comp./Grab
8. Priority Toxic Pollutant Scan (2nd 6 Months) (2)	1 per year	24 Hour Comp./Grab
9. Total Oil & Grease (HEM) (mg/L)	1 per quarter	Grab
10. Total Wastewater Discharge Flow (mgd)	Monthly	Continuous

(1) Total Metals shall include the following: arsenic, cadmium, chromium, copper, lead, mercury, nickel, silver, and zinc. Metal analyses methods must be used that have Method Detection Limits that are less than the permit limits.

(2) A list of the Priority Toxic Pollutant and OCPSF parameters is attached to this permit.

Samples taken in compliance with the monitoring requirements specified above shall be collected at the following outfall:

The facility's industrial waste outfall is located downstream of the stabilization lagoon where all process wastes flow prior to discharge. The sewer line has an integrated Parshall flume for flow monitoring and flow proportional sample collection.

B. All handling and preservation of collected samples and laboratory analyses of samples shall be performed in accordance with **40 CFR PART 136** and amendments thereto, including amendments subsequent to the effective date of this permit, unless specified otherwise in the monitoring conditions of this permit.

SECTION 2: REPORTING REQUIREMENTS

A. Monitoring Reports

Monthly monitoring results shall be reported by the 15th of the following month. Quarterly monitoring results are due by the 15th of the first month after the quarter. Those dates are April 15th, July 15th, October 15th, and January 15th respectively. The annual OCPSF parameters' testing is due by June 15th. The annual Priority Toxic Pollutant scan results are due by December 15th. Results may be submitted earlier than the due dates if the required data is complete. The report should contain the wastewater effluent discharge concentration results of all pollutants that are regulated by the limits set forth in PART I, SECTION 1.B. of this permit.

B. If the permittee conducts any monitoring described in this permit on a more frequent basis than is required by this permit, the results of such monitoring shall be submitted to the City WWTP.

C. The required wastewater analyses shall be performed on a sample collected only from the previously stated sample point.

D. Total wastewater effluent flow may be reported as the total gallons discharged for the month or the average daily flow. If reporting as an average daily flow, please report the industry's total number of days of operation for the period.

E. Total Oil and Grease shall be analyzed using the EPA Method 1664 (Hexane Extraction Method). The limit is 200 mg/L.

F. The Priority Toxic Pollutant scan is analyzed annually. The required list of parameters for the Priority Toxic Pollutants testing is provided in this permit.

G. All sampling data must include:

a. Date, time and exact location of sampling.
b. Name of person that collected the sample.
c. Dates and times the analyses were performed.
d. Names of who performed the analyses and their company affiliation.
e. Analytical methods used.
f. Analyses results.
g. Sample's Chain of Custody shall be included with results.
h. **40 CFR Part 136** laboratory methods shall be followed for all analyses, including QA/QC requirements.

H. Automatic Re-sampling

If the results of the permittee's wastewater analyses indicate that a violation of the permit limits has occurred, the permittee shall:

1. Inform the City WWTP of the violation within 24 hours of receiving the test results; and

2. Repeat the sampling and pollutant analysis and submit, in writing, the results of the second analysis within 30 days of receipt of results indicating the first violation. If there is a violation of a permit local limit or categorical limit, contact the pretreatment office to make sure that it does not put you in Significant Non-Compliance (SNC). Additional sample testing for that parameter will possibly reduce the likelihood of being classified in SNC.

I. Accidental Discharge Report

The permitee shall notify the City immediately upon the occurrence of an accidental discharge of substances prohibited by this permit and **Chapter 34**. The City's WWTP shall be notified by telephone at 434/799-5137. The notifications shall include the time, date and location of the discharge, type of waste, including estimates of the volume, and corrective actions taken. The permittee's notification of accidental releases, in accordance with this section, does not relieve it of other reporting requirements that arise under local, state or federal laws.

Within five days following an accidental discharge, the permittee shall submit to the City's WWTP, a detailed written report. The report shall specify:

a. Description and cause of the upset, slug or accidental discharge, the cause thereof, and the impact on the permittee's compliance status. The description should also include location of discharge, type, concentration and volume of waste.

b. Duration of noncompliance, including exact dates and times of noncompliance, and if the noncompliance continues, the time by which compliance is reasonably expected to occur.

c. All steps taken or to be taken to reduce, eliminate, and prevent recurrence of such an upset, slug, accidental discharge, or other conditions of noncompliance.

J. All reports required by this permit shall be submitted to the City's WWTP, at the following address by the stated due dates:

Northside Wastewater Treatment Plant
Industrial Pretreatment Coordinator
229 Northside Drive
Danville, Virginia 24540

This list of parameters is required to be analyzed annually during the second six months of the year.

PRIORITY TOXIC POLLUTANTS LIST

Acenapthene	**Methylene chloride**	Dieldrin
Acrolein	**Methyl chloride**	Chlordane
Acrylonitrile	Methyl bromide	4,4-DDT
Benzene	Bromoform	4,4-DDE
Benzidine	Dichlorobromomethane	4,4-DDD
Carbon Tetrachloride	Chlorodibromomethane	Alpha-endosulfan
Chlorobenzene	**Hexachlorobutadiene**	Beta-endosulfan
1,2,4-trichlorobenzene	Hexachlorocyclopentadiene	Endosulfan sulfate
Hexachlorobenzene	Isophorone	Endrin
1,1-dichloroethane	**Napthalene**	Endrin aldehyde
1,2-dichloroethane	**Nitrobenzene**	Heptachlor
1,1,1-trichloroethane	**2-nitrophenol**	Heptachlor
Hexachloroethane	**4-nitrophenol**	Heptachlor epoxide
1,1,2-trichloroethane	2,4-dinitrophenol	Alpha-BHC
1,1,2,2-tetrachloroethane	**4,6-dinitro-o-cresol**	Beta-BHC
Chloroethane	N-nitroso dimethylamine	Gamma-BHC (lindane)
Bis(2-chloroethyl) ether	N-nitroso diphenylamine	Delta-BHC
2-chloroethyl vinyl ether (mixed)	N-nitroso di-n-propylamine	PCB-1242 (Arochlor 1242)
2-chloronapthalene	Pentachlorophenol	PCB-1254 (Arochlor 1254)
2,4,6-trichlorophenol	**Phenol**	PCB-1221 (Arochlor 1221)
Parachlorometa cresol	**Bis(2-ethylhexyl) phthalate**	PCB-1232 (Arochlor 1232)
Chloroform	Butyl benzyl phthalate	PCB-1248 (Arochlor 1248)
2-chlorophenol	**Di-n-butyl phthalate**	PCB-1260 (Arochlor 1260)
1,2-dichlorobenzene	Di-n-octyl phthalate	PCB-1016 (Arochlor 1016)
1,3-dichlorobenzene	**Diethyl phthalate**	Toxaphene
1,4-dichlorobenzene	**Dimethyl phthalate**	
3,3-dichlorobenzidine	1,2-benzanthracene	
1,1-dichloroethylene	Benzo (a) pyrene	**INORGANIC POLLUTANTS**
1,2-trans dichloroethylene	Benzo (b) fluoranthene	Total Antimony
2,4-dichlorophenol	Chrysene	Total Arsenic
1,2-dichloropropane	Acenapthylene	Total Beryllium
1,2-dichloropropylene	**Anthracene**	Total Cadmium
1,3-dichloropropylene	1,1,2-benzoperylene	Total Chromium
2,4-dimethylphenol	**Fluorene**	Total Copper
2,4-dinitrotoluene	**Phenanthrene**	**Total Cyanide**
2,6-dinitrotoluene	Dibenzo (a,h) anthracene	**Total Lead**
1,2-diphenylhydrazine	Indeno (1,2,3-cd) pyrene	Total Mercury
Ethylbenzene	**Pyrene**	Total Nickel
Fluoranthene	**Tetrachloroethylene**	Total Selenium
4-chlorophenyl phenyl ether	**Toluene**	Total Silver
4-bromophenyl phenyl ether	**Trichloroethylene**	Total Thallium
Bis(2-chloroisopropyl) ether	**Vinyl chloride**	**Total Zinc**
Bis(2-Chloroethoxy) methane	Aldrin	

Pollutants listed in **BOLD** indicate OCPSF category parameters, which shall be tested for annually during the first six months of the year.

STANDARD CONDITIONS FOR INDUSTRIAL WASTEWATER DISCHARGE PERMITS

SECTION A. GENERAL CONDITIONS AND DEFINITIONS

1. Severability

The provisions of this permit are severable, and if any provision of permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

2. Duty to Comply

The permittee must comply with all conditions of this permit. Failure to comply with the requirements of these regulations may be grounds for administrative action, or enforcement proceedings including civil or criminal penalties, injunctive relief and summary abatements.

3. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge.

4. Permit Modification

This permit may be modified, revoked and reissued, or terminated for good causes including, but not limited to, the following:

a) To incorporate any new or revised Federal, State, or local pretreatment standards or requirements;

b) Material or substantial alternations or additions to the discharger's operation which were not covered in the effective permit;

c) A change in any condition of the wastewater discharge that requires either a temporary or permanent reduction or elimination of the authorized discharge;

d) Information indicating that the permitted discharge poses a threat to the City's collection and treatment systems, WWTP personnel or the receiving waters;

e) Violation of any terms or conditions of this permit;

f) Obtaining this permit by misrepresentation or failure to disclose fully, all relevant facts;

g) Upon request of the permittee, provided such request does not create a violation of any existing applicable requirements, standards, laws, or rules and regulations.

5. Permit Termination

This permit may be terminated for the following reasons:

a) Falsifying self-monitoring reports.

b) Tampering with monitoring equipment.

c) Refusing to allow timely access to the facility premises and records.

d) Failure to meet effluent limitations.

e) Failure to pay fines.

f) Failure to pay sewer charges.

g) Failure to meet compliance schedules.

The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

6. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

7. Limitation on Permit Transfer

Permits may be reassigned or transferred to a new owner and/or operator with prior written approval of the City of Danville, as follows:

a) The permittee must give at least thirty (30) days advance notice to the City.

b) The notice must include a written certification by the new owner which:

(i) States that the new owner has no immediate intent to change the facility's operations and processes.

(ii) Identifies the specific date on which the transfer is to occur.

(iii) Acknowledges full responsibility for complying with the existing permit.

8. Duty to Reapply

If the permittee wishes to continue on with activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. The application must be submitted at least 180 days before the expiration date of this permit.

9. Continuation of Expired Permits

An expired permit will continue to be effective and enforceable until the permit is reissued if:

a) The permittee has submitted a complete permit application at least one hundred, eighty (180) days prior to the expiration date of the user's existing permit.

b) The failure to reissue the permit, prior to expiration of the previous permit, is not due to any act or failure to act on the part of the permittee.

10. Dilution

The permittee shall not increase the use of potable or process water or, in any way, attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in this permit.

11. Adverse Impact

The permittee shall take all reasonable steps to minimize any adverse impact to the public treatment resulting from noncompliance with any effluent limitation specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge. The permittee shall immediately notify the City of sludge discharges, spills that may enter the public sewer, or any other significant changes in operations, wastewater characteristics and constituents.

12. Definitions

a) Daily Maximum -- The maximum allowable discharge of pollutant during a 24-hour time period. Where daily maximum limitations are expressed in units of mass, the daily discharge is the total mass discharged over the course of the day. Where daily maximum limitations are expressed in terms of a concentration, the daily discharge is the arithmetic average measurement of the pollutant derived from all measurements taken that day.

b) Instantaneous Maximum Concentration -- The maximum concentration allowed in any single grab sample.

c) Grab Sample -- An individual sample collected in less than 15 minutes, without regard for flow or time.

d) Composite Sample -- A combination of individual samples obtained at regular intervals over a specified time period.

e) Cooling Water --

1. Uncontaminated: Water used for cooling purposes only which has no direct contact with any raw material, intermediate, or final product and which does not contain a level of contaminants detectable higher than that of the intake water.

2. Contaminated: Water used for cooling purposes only which may become contaminated either through the use of water treatment chemicals used for corrosion inhibitors or biocides, or by direct contact with process materials and/or wastewater.

f) Monthly Average -- The arithmetic mean of the values for effluent samples collected within a calendar month.

g) Weekly Average -- The arithmetic mean of values for effluent samples collected within a calendar week.

h) Significant Industrial User -- Is a wastewater source that:

1. Is a categorical industry under the Federal regulations,

2. Has a flow of 25,000 gallons or more per average workday,

3. Has a flow greater than five percent of the flow treated by the City's Northside Wastewater Treatment Plant (WWTP) receiving the waste,

4. Has in its waste a toxic pollutant in toxic amounts, or

5. Has significant impact, either singly or in combination with other contributing industries, on the treatment works or on the quality of its effluent.

i) Upset -- Means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee, excluding such factors as operational error, improperly designed or inadequate treatment facilities, or improper operation and maintenance or lack thereof.

j) Bypass -- Means the intentional diversion of wastes from any portion of a treatment facility.

13. General Prohibited Discharge Standards

The permittee shall comply with all the general prohibited discharge standards in **Section 34-11** of the **Code of the City of Danville**.

SECTION B: OPERATION AND MAINTENANCE OF POLLUTION CONTROLS

1. Proper Operation and Maintenance

The permittee shall, at all times, properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes, but is not limited to, effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. These provisions require the operation of backup or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of the permit.

2. Duty to Halt or Reduce Activity

Upon reduction, loss or failure of the City's WWTP, the permittee shall, to the extent necessary to maintain compliance with its permit, control production or all discharges or both until operation of the treatment facility is restored or an alternative method of treatment is provided. This requirement applies, for example, when the primary source of power of the treatment facility fails or is reduced. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

3. Bypass of Wastewater Treatment Facilities

a) Bypass is prohibited unless it is unavoidable to prevent loss of life, personal injury or severe property damage or no feasible alternatives exist.

b) Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation.

c) Notification of bypass:

1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior written notice, at least ten days before the date of the bypass, to the City of Danville WWTP.

2) Unanticipated bypass. The permittee shall immediately notify personnel at the City of Danville WWTP and submit a written notice to the City within 24 hours of becoming aware of the bypass.

4. Removal of Substances

Solids, sludge, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall be disposed of in accordance with **Section 405** of the **Clean Water Act** and **Subtitles C** and **D** of the **Resource Conservation and Recovery Act.**

SECTION C: MONITORING AND RECORDS

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge. All samples shall be taken at the monitoring points specified in this permit and, unless otherwise specified, before the effluent joins or is diluted by any other wastestream, body of water or substance. Monitoring points shall not be changed without notification to and the approval of the City of Danville.

2. Flow Measurements

If flow measurement is required by this permit, the appropriate flow measurement devices and methods consistent with approved scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated and maintained to ensure that the accuracy of the measurements is consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than 10% from true discharge rates throughout the range of expected discharge volumes.

3. Analytical Methods to Demonstrate Continued Compliance

Sampling and analysis of these samples shall be performed in accordance with the techniques prescribed in **40 CFR PART 136** and amendments thereto.

4. Additional Monitoring by the Permittee

If the permittee monitors any pollutant more frequently than required by this permit, using approved test procedures or as specified in this permit, the results of this monitoring shall be included in the permittee's self-monitoring reports.

5. Inspection and Entry

The permittee shall allow the City of Danville WWTP personnel, or an authorized representative, to enter the facility, upon the presentation of credentials and other documents that may be required by law, to:

a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit,

b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit,

c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit,

d) Sample or monitor, for the purposes of assuring permits compliance, any substances or parameters at any location,

e) Inspect any production, manufacturing, fabricating or storage area where pollutants, regulated under the permit, could originate.

6. Retention of Records

a) The permittee shall retain records of all monitoring information, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least three years from the date of the sample, measurement, report or application. The City of Danville may extend this period.

b) All records pertaining to matters that are the subject of special orders or any other enforcement or litigation activities brought by the City, shall be retained and preserved by the permittee, until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.

7. Record Contents

Records of sampling information shall include:

a) The date, exact place, time and methods of sampling or measurements, and sample preservation techniques or procedures,
b) Person that performed the sampling or measurements,
c) The dates and times the analyses were performed,
d) Person that performed the analyses,
e) The analytical techniques or methods used,
f) The results of such analyses.
g) Chain of Custody record shall accompany the submission of results,

8. Falsifying Information

Knowingly making any false statement on any report or other document required by this permit or knowingly rendering any monitoring device or method inaccurate may result in punishment under criminal laws proceedings as well as being subjected to civil penalties and injunctive relief.

SECTION D: ADDITIONAL REPORTING REQUIREMENTS

1. Planned Changes

The permittee shall give notice to the City of Danville WWTP 90 days prior to any facility expansion, production increase, or process modifications that results in new or substantially increased discharges or a change in the nature of the discharge.

2. Anticipated Non-compliance

The permittee shall give advance notice to the City of any planned changes in the permitted facility or activity, which may result in noncompliance with permit requirements.

3. Duty to Provide Information

The permittee shall furnish to the City, within a reasonable time, any information that the City may request to determine whether cause exists for modified, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also furnish to the City, upon request, copies of records required to by this permit.

4. Signatory Requirements

All applications, reports or information submitted to the City of Danville, shall be signed and certified.

a) All permit applications shall be signed:

1) For a corporation a responsible corporate officer shall sign: a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or the manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiate and direct other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; can ensure that the necessary systems are established or actions taken to gather complete and accurate information for control mechanism requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively.

b) All other correspondence, reports and self-monitoring reports shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:

1) The authorization is made, in writing, by a person described above, or

2) The authorization specified either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, superintendent, or position of equivalent responsibility. (A duly authorized representative may thus be either a named individual or any individual occupying a named position); and

c) Certification. Any person signing a document under this section shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

c) Notice and Authorization. Any changes in signatures shall be submitted to the City of Danville, in writing, with or prior to submitting reports or other documents with the changed signature.

5. Operating Upsets

Any permittee that experiences an upset in operations that places the permittee in a temporary state of noncompliance with the provisions of either this permit or **Chapter 34** of the **Code of the City of Danville** shall inform the City immediately upon the first awareness of the commencement of the upsets in accordance with **Section 34-18** of the **Code.**

Where such information is given orally, a written follow-up report thereof shall be filed by the permittee with the City within 24 hours. The report shall specify:

a) Description of the upset or slug load, the cause(s) thereof and the upset's or slug load's impact on the permittee's compliance status,

b) Duration of noncompliance, including exact dates and times of noncompliance, and if the noncompliance continues, the time by which compliance is reasonably expected to occur,

c) All steps taken are to be taken to reduce, eliminate and prevent recurrence of such an upset, slug load or other conditions of noncompliance.

A documented and verified operating upset shall be an affirmative defense to any enforcement action brought against any industry subject to categorical standards.

6. Annual Publication

The City of Danville, in the largest daily newspaper within its service area shall annually publish a list of all industries, which were subject to enforcement proceedings during the twelve- (12) previous months.

7. Civil and Criminal Liability

Nothing in this permit shall be construed to relieve the permittee from civil and/or criminal penalties for noncompliance under **Chapter 34, Code of the City of Danville.**

8. Penalties for Violations of Permit Conditions

As outlined in **Section 34-24, Chapter 34** of the **Code of the City of Danville.**

9. Recovery of Costs Incurred

In addition to civil and criminal liability, the permittee violating any of the provisions of this permit or causing damage to or otherwise inhibiting the City of Danville's WWTP shall be liable to the City for any expenses, loss, or damage caused by such violation or discharge. The City shall bill the permittee for the costs incurred by it for any cleaning, repair, or replacement work caused by the violation or discharge.

December 11, 2008

Mr. Scott A. Veselicky
Director, Regulatory Affairs
DanChem Technologies, Inc.
1975 Old Richmond Road
Danville, Virginia 24540

Re: Issuance of Wastewater Discharge Permit No. 20

Dear Mr. Veselicky:

Enclosed is your facility's Wastewater Discharge Permit No. 20 that goes into effect January 1, 2009. It replaces the previous permit that was issued February 1, 2003. The permit will remain in effect for five years until the December 31, 2013 expiration date. The new permit reflects the recalculated local limit values and the addition of a new parameter for testing. Total oil and grease is now required for all industries to test for using the EPA 1664 Hexane Extraction Method.

I appreciate your patience in waiting for the issuance of the new permit. The process took longer than expected. If you have any questions or comments regarding the issuance of this permit, please do not hesitate to get in touch with me.

Sincerely,

Robert Clifton

Robert L. Clifton, III
Industrial Pretreatment Coordinator

/Enclosure

Attachment 5
E-mail Correspondence From Danchem Technologies, June 22, 2009

"Scott Veselicky" <Scott.Veselicky@danchem.com>

06/22/2009 02:16 PM

To Jeff Dodd/R3/USEPA/US@EPA
cc
bcc
Subject RE: EPA RCRA Inspection - DanChem Technologies

Yes, some of our hazardous waste contains volatile organic concentrations greater than 500 ppm by weight. In ALL instances where we store hazardous waste in 55-gallon drums or 250-gallon totes, the containers meet DOT standards.

Scott

-----Original Message-----
From: Dodd.Jeff@epamail.epa.gov [mailto:Dodd.Jeff@epamail.epa.gov]
Sent: Monday, June 22, 2009 11:23 AM
To: Scott Veselicky
Subject: RE: EPA RCRA Inspection - DanChem Technologies

Scott-

Thanks for your response. That's exactly what I was looking for. One last question re: Subpart CC. What about storage of volatile organic containing wastes in containers (55-gallon drums and 250-gallon totes)? Do any of your waste streams contain > 500 ppmw that are stored in the drums/totes? If so, then the CC standards would apply. Do the containers (55-gallon drums and 250-gallon totes) meet DOT standards. Please advise. Thanks.

Jeffrey Dodd
USEPA Region 3
Wheeling Field Office
1060 Chapline Street, Suite 303
Wheeling, WV 26003
tel (304) 234-0254
fax (304) 234-0257
dodd.jeff@epa.gov

"Scott Veselicky" <Scott.Veselicky@danchem.com>

06/19/2009 04:31 PM

To Jeff Dodd/R3/USEPA/US@EPA
cc
Subject RE: EPA RCRA Inspection - DanChem Technologies

Mr. Dodd,

1. Please find attached copy of the Industrial Wastewater Discharge Permit issued by the City of Danville Northside Wastewater Treatment Plant. The permit allows all discharges from the DanChem facility in accordance with the specified effluent limitations and monitoring requirements.

Monitoring requirements include:
- Continuous pH monitoring
- Monthly pH, BOD, TSS, TKN
- Quarterly metals, cyanide, oil, & grease
- Annual OCPSF category parameters (listed in permit)
- Annual Priority Toxic Pollutant Scan (listed in permit)

2. The nature of DanChem's business as a custom toll manufacturer provides waste streams that vary frequently. New customers, new products, new raw materials, and new wastes make up the majority of our operation and are being introduced and modified at least monthly. Chemical manufacturing operations include various types of chemical reactions, blending, centrifugation, crystallization, distillation, emulsification, filtration, flaking, mixing, and drying dependent on the customer's need. In addition to the assortment of new customers, processes, and products, the facility typically provides some longer term contractual services (longer than 6 months). Currently, longer term services include the production of an active pharmaceutical ingredient, a high purity lime, an ingredient in denture adhesive, and a cattle feed additive.

Wastewater is typically generated from washing these products, from condensing vapors off of the process equipment, and from pre-cleaning and post-cleaning of the reactors, dryers, and other process equipment. As new products and processes are implemented, the wastewater discharges are evaluated against the permit limitations before discharging to the drains.

3. The basin liner was replaced November 10-13, 2008 by Great Lakes Containment located in Kalkaska, Michigan. The new liner was placed on top of the existing liner which upon inspection appeared to be fully intact but showed some signs of wear (most likely from previous cleanings).

The sludge is typically removed approximately twice a year as non-hazardous material depending again on the current products, processes, and production rates. In 2008, the basin was cleaned three times, once by A&D Environmental and twice by Zebra Environmental & Industrial Services. Between March 31, 2008 and April 2, 2008, A&D Environmental transported 34,636 gallons of non-hazardous sludge to HOH Corporation located at 1701 Vargrave Street, Winston-Salem, NC 27107 for solidification. Between June 19, 2008 and July 3, 2008 Zebra Environmental & Industrial Services transported 126,737 gallons of non-hazardous sludge to their facility at 901 East Springfield Road, High Point, NC 27263 for solidification. On November 10, 2008 Zebra removed an additional 1,861 gallons in preparation for installation of the new liner.

4. The facility was deemed eligible for participation in the Virginia Voluntary Remediation Program (VRP) program by the Virginia DEQ on October 29, 2008 on what the facility believes to be historic

contamination of unknown origin. In order to determine and characterize the contamination, DanChem has collected groundwater samples from approximately 11 monitoring wells on 1/30/08, 5/13/08, 2/11/09, and 5/1/09 with primary focus on benzene; 1,3-dichlorobenzene; 1,4-dichlorobenzene; chlorobenzene; and 1,2,4-trichlorobenzene found predominantly in 4 of the wells. With this information, the facility is currently developing a site characterization report and risk assessment. The facility plans to submit these reports to DEQ before the end of July 2008. With this report, we hope to reach agreement with the state on additional actions which may include ground water restrictions, land development restrictions, and/or remediation. Currently there is no defined ground water monitoring schedule and remediation has not yet been determined to be necessary.

5. Please see attached manifests and associated LDR's as requested (manifest tracking numbers 000092092GRR, 003769610JJK, and 001246982FLE).

6. We do not believe DanChem Technologies, Inc. is subject to the requirements of RCRA Subpart AA/BB/CC since the facility is not a treatment, storage, or disposal facility and as a large quantity generator it does not store hazardous waste in tanks. Tank storage is devoted to raw materials and in-process chemicals. The facility does have a Leak Detection and Repair (LDAR) Program and performs regular inspections of its tanks and process equipment as is required under the facility's air permit.

I hope these answers satisfy your request for additional information. If not, please do not hesitate to contact me. Have a good weekend.

Scott

Scott A. Veselicky, CSP, MS
Director, Regulatory Affairs

DanChem Technologies, Inc.
1975 Old Richmond Road
Danville, VA 24540

Tel: (434) 797-8108
Cell: (434) 250-3559
Fax: (434) 797-4136
E-mail: scott.veselicky@danchem.com

-----Original Message-----
From: Dodd.Jeff@epamail.epa.gov [mailto:Dodd.Jeff@epamail.epa.gov]
Sent: Thursday, June 18, 2009 2:46 PM
To: Scott Veselicky
Subject: EPA RCRA Inspection - DanChem Technologies

Scott-

I'm in the process of drafting the inspection report and need a few items to complete the report. Please provide the following:

1. Please provide a copy of the pre-treatment permit with Danville POTW to accept waste water from facility. What waste streams has Danville POTW agreed to accept and what pretreatment and analyses are required by the POTW prior to discharge to their system?

2. As discussed during the facility visit, I understand that the basin

is used primarily for neutralization of high and low pH waste streams before introduction to the POTW. In addition to high/low pH, please provide a description of the various waste streams which enter the waste water treatment basin.

3. I understand that the basin was recently refitted, i.e., solids were removed form the basin, and a new liner installed. Please provide additional information with respect to that activity, e..g, when did that occur, what was the disposition of the solids removed from the basin. How often are solids removed from the basin.

4. Please briefly describe the groundwater monitoring/remediation taking place at the facility under VA's VRP.

5. Provide a copy of the land disposal restriction notification forms for waste streams sent to ISP Chemicals (see manifest 001246982 FLE dated 7/21/07). Provide LDR for waste streams sent to Giant Resource Recovery in 2009 (see manifest 000092092 GRR, dated 2/10/09 for an example). Provide LDR for waste streams sent to TM Deer Park (see manifest 003769610 JJK, dated 2/17/09).

6. Describe facility's compliance or exemption from RCRA Subpart AA/BB/CC (air emission) regulations.

Please call me if you have any questions. Thank you.

Jeffrey Dodd
USEPA Region 3
Wheeling Field Office
1060 Chapline Street, Suite 303
Wheeling, WV 26003
tel (304) 234-0254
fax (304) 234-0257
dodd.jeff@epa.gov

[attachment "090102 WW Permit.pdf" deleted by Jeff Dodd/R3/USEPA/US]
[attachment "003769610JJK.pdf" deleted by Jeff Dodd/R3/USEPA/US]
[attachment "000092092GRR.pdf" deleted by Jeff Dodd/R3/USEPA/US]
[attachment "001246982FLE.pdf" deleted by Jeff Dodd/R3/USEPA/US]

Attachment 6
Manifests

-3-155-01

DB ✓

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number VAD988170684	2. Page 1 of 1	3. Emergency Response Phone 1-800-468-1760	4. Manifest Tracking Number 001658232 SKS

5. Generator's Name and Mailing Address
HICKSON DANCHEM CORP
1975 OLD RICHMOND BLVD
DANVILLE VA 24543
Generator's Phone: 434-797-8120

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: SAFETY-KLEEN SYSTEMS, INC. U.S. EPA ID Number: TXR000050930

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address: SAFETY-KLEEN SYSTEMS, INC. 315501
16090 STEWARTSVILLE RD
P.O. BOX 48
VINTON VA 24179
Facility's Phone: 540-890-4478
U.S. EPA ID Number: VAD000737361

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	WASTE COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII RQ(D001)	2	DM	30	0	D001 D018 D039 D040
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: SK TRCK#110372874 0038561529 0000154512 0912 22
1)ERG#128

SK AUTHORIZED TO RETAIN LICENSED SUBSEQUENT CARRIERS AS NECESSARY

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: SCOTT A. VESELICKY
Signature: Scott A. Veselicky
Month: 03 Day: 17 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVID A. CLARK
Signature: David A. Clark
Month: 03 Day: 17 Year: 09

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Brian Warmke
Signature: B. Warmke
Month: 03 Day: 17 Year: 09

K54474-R5732 SAFETY-KLEEN 02/21/09 PAGE: 1
LOCATION: 315501 LDR NOTIFICATION FORM 13:22:04

GENERATOR NAME: HICKSON DANCHEM CORP MANIFEST NO.: 001658232 SKS
OR SALES SERVICE NO.: 38561529

CUST#: 0000-1545-12

PURSUANT TO 40 CFR 268.7(A), I HEREBY NOTIFY THAT THIS SHIPMENT CONTAINS WASTE RESTRICTED UNDER 40 CFR PART 268 LAND DISPOSAL RESTRICTIONS (LDR).

A. GENERAL WASTE NOTIFICATION

LDR FORM LINE NO.: 1 MANIFEST PAGE/LINE# 01/001 SK PRFL NO.: 0000
SKDOT#: 0000801

EPA WASTE CODES & LDR SUBCATEGORIES (IF ANY):
D001 LQ LIQUID >= 10% TOC
D018
D039
D040

TREATABILITY GROUP: NONWASTEWATERS

WASTE CONSTITUENT NOTIFICATION:
100 O-CRESOL
101 M-CRESOL (DIFFICULT TO DISTINGUISH FROM P-CRESOL)
102 P-CRESOL (DIFFICULT TO DISTINGUISH FROM M-CRESOL)
229 TETRACHLOROETHYLENE
237 TRICHLOROETHYLENE
250 CADMIUM
255 LEAD
257 MERCURY - ALL OTHERS
67 BENZENE

==========

---N O T E S---

XP NOTICE: THIS LDR EXPIRES ON 12/31/2009

Scott A Veselicky — SCOTT A. VESELICKY, DIR. REGULATORY AFFAIRS — 03 / 17 / 09

GENERATOR'S AUTHORIZED SIGNATURE — NAME & TITLE (PRINTED OR TYPED) — DATE

EQ#: 38 LOC: 315501 TERR: 22 REF#: 38561529 SW: 0912

TOP COPY: GENERATOR MIDDLE COPY: FACILITY BOTTOM COPY: TRANSFE

091C

1-800-424-9300

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
VAD988170684	1	434-797-8120 X	001338635 FLE

GENERATOR

5. Generator's Name and Mailing Address

ATTN: CHARLIE MARTIN

Generator's Phone: 434-797-8120 X234

Generator's Site Address (if different than mailing address)

DANCHEM TECHNOLOGIES, INC.
1975 OLD RICHMOND ROAD
DANVILLE, VA 24540

6. Transporter 1 Company Name: QUALITY CARRIERS — U.S. EPA ID Number: FLD000057414

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address

ISP CHEMICALS INC.
HWY. 95, INDUSTRIAL AREA
CALVERT CITY, KY 42029

Facility's Phone: 270-395-1243

U.S. EPA ID Number: KYD006370175

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. WASTE VINYL METHYL ETHER, STABILIZED 2.1 UN1087, PG-N/A (0001)	001	TT	17620	P	D001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

EMERGENCY CONTACT: CHEMTREC 800-424-9300

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Scott Van Allen — Signature: Scott Van Allen — Month: 05 Day: 18 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: John Rudd — Signature: John Rudd — Month: 5 Day: 18 Year: 09

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: CHERYL HARTIG — Signature: Cheryl Hartig — Month: 5 Day: 19 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

LAND BAND NOTIFICATION FORM

Generator Name: DanChem Technologies, Inc. Manifest Document No: 001338635 FLE

Generator EPA ID No.: VAD988170684 State Manifest No.: NA

This form is submitted to ISP in compliance with 40 CFR 268.7(a)

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

1. Treatability Group

___Wastewater __X__ Non Wastewater

2. U.S. EPA Hazardous Waste codes (List all that apply) — Subcategory (Complete only if applicable)

D001 - High TOC Ignitable Liquid > 10%TOC	

3. Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by (CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43. All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 288.43 are indicated.

____ The "Underlying Constituent Attachment" is included with this notification.

____ I certify that no "Underlying Hazardous Constituents" are present in the waste.

4. _____ Waste for which applicable treatment standards, must be listed completely:

a) F001-5 Spent Solvents

If U.S. EPA #'s F001, F002, F003, F004 or F005 appear in #2 check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below:

	F001 - 5 Spent Solvents	CCW (in mg/l) WW	NWW		F001 - 5 Spent Solvents	CCW (in mg/l) WW	NWW
	Acetone	0.28	160		Methanol	5/6	n/a
	Benzene	0.14	10		Methylene Chloride	0.089	30
	n-Butyl Alcohol	5.6	2.6		Methyl Ethyl Ketone	0.28	36
	Carbon Disulfide	3.8	n/a		Methyl Isobutyl Ketone	0.14	33
	Carbon Tetrachloride	0.057	6.0		Nitrobenzene	0.068	14
	Chlorobenzene	0.057	6.0		Pyridine	0.014	16
	Cresols(m-&p-isomers	0.77	5.6		Tetrachloroethylene	0.056	6.0
	o-Cresol	0.11	5.6		Toluene	0.080	10
	Cresols-Mixed Isomers (Cresylic Acid)	0.88	11.2		1,1,2-Trichloro 1,2,2-Trifluoroethane	0.057	30
	Cyclohexanone	0.36	n/a		1,1,1-Trichloroethane	0.054	6.0
	o-Dichlorobenzene	0.088	6.0		1,1,2-Trichloroethane	0.054	6.0
	Ethyl Acetate	0.34	33		Trichloroethylene	0.054	6.0
	Ethylbenzene	0.057	10		Trichloromono-fluoromethane	0.020	30
	Ethyl Ether	0.12	160				
	Isobutyl Alcohol	5.6	170		Xylene	0.32	30

		CCWE (in mg/l)				Technology Code	
	Carbon Disulfide	n/a	4.8		2-Nitropropane	INCIN	INCIN
	Cyclohexanone	n/a	0.75		2-Ethoxyethanol	INCIN	INCIN
	Methanol	n/a	0.75				

_____ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

b.) California List Wastes

Mark the following only. If the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

____Nickel and or compounds (as Ni) Limits > 134 mg/l

____Thallium and/or compounds (as Ti) Limits > 130 mg/l

____Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg.

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in part 268.32 or RCRA Section 3304 (d)

Signature: _____ Title: Site Safety Coordinator Date: 5/18/07

146523 09117 OBV

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: VAD028170884
2. Page 1 of
3. Emergency Response Phone: (877) 918-0087
4. Manifest Tracking Number: **000308235 VES**

GENERATOR

5. Generator's Name and Mailing Address
DANCHEM TECHNOLOGIES INC.
1975 RICHMOND BLVD.
DANVILLE, VA 24543

Generator's Site Address (if different than mailing address)
DANCHEM TECHNOLOGIES INC.
1975 RICHMOND BLVD.
DANVILLE, VA 24540

Generator's Phone: 434 797-8120

6. Transporter 1 Company Name: TRI-STATE MOTOR TRANSIT CO.
U.S. EPA ID Number: MOD095038998

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
125 FACTORY LANE
MIDDLESEX, NJ 08846
Facility's Phone: 732 469-5100
U.S. EPA ID Number: NJD002454544

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (TOLUENE), 3, II	004	DM	01910	P	F005 D001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1) ERG: 128 RS-95 TOLUENE&COPOLYMER -I- ER Service Contracted by VESTS
#091187

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Scott Van Allen
Signature: Scott Van Allen
Month Day Year: 05 15 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JOE BECK
Signature: Joe Beck
Month Day Year: 05 15 09

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H061			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Tracy McNick
Signature
Month Day Year: 05 18 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Land Disposal Restriction Notification Form

Generator Name: DANCHEM TECHNOLOGIES INC.

EPA ID Number: VAD982170684 Manifest: 000308235VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: VF-1080083000-003 (1/ 1)

WIP / Approval Code:	585229 / MARPULP#1
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.2 1(a)(1)), F005 (NONE)
Constituents (F001 - F005):	TOLUENE
UHCs Present:	Not Applicable
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices:	

I hearby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature: Scott Van Allen

Title: Warehouse Manager Date: 5/15/09

1460446 09099 DBV

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
VAD988170884	1	(877) 218-0057	000308153 VES

GENERATOR

5. Generator's Name and Mailing Address
DANCHEM TECHNOLOGIES INC
1975 RICHMOND BLVD.
DANVILLE, VA 24543

Generator's Site Address (if different than mailing address)
DANCHEM TECHNOLOGIES INC
1975 RICHMOND BLVD.
DANVILLE, VA 24540

Generator's Phone: 434 797-8120

6. Transporter 1 Company Name
S J TRANSPORTATION COMPANY INC.

U.S. EPA ID Number
NJD071628976

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
125 FACTORY LANE
MIDDLESEX, NJ 08846

U.S. EPA ID Number
NJD002454544

Facility's Phone: 732 469-8100

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s. (METHANOL, METHYL ACETATE), 3, II, RQ (D001)	001	TT	25340	P	F003 D001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1) ERG:128 METHANOL/METHYL ACETATE -I- ER Service Contracted by VESTS

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Scott Van Allen
Signature: Scott Van Allen
Month: 04 Day: 29 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: ROGER SMITH
Signature: Roger Smith
Month: 04 Day: 29 Year: 09

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Corrected unit of measure - SUA 4/29/09 Manifest Reference Number: 000308153VES

18b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H061			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Tracy Warwick
Signature: Tracy Warwick
Month: 04 Day: 30 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Land Disposal Restriction Notification Form

Generator Name: DANCHEM TECHNOLOGIES INC.

EPA ID Number: VAD988170684 Manifest: 000308153VES

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number VF-0953626000-001 (1/ 1)

WIP / Approval Code:	645256 / MARBULK1
Form Designation / CWA Status:	Non-Wastewater / Non-CWA
Waste Codes (Subcategories):	D001 (IGNITABLE CHARACTERISTIC WASTE, LIQUIDS >= 10% TOC PER 261.2 1(a)(1)), F003 (NONE)
Constituents (F001 - F005):	METHYL ALCOHOL
UHCs Present:	Not Applicable
Treatment Requirements:	Restricted waste requires treatment to applicable standards.
Additional Notices	

I hereby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature: Scott Van Allen

Title: Warehouse Manager Date: 4/29/09

07099 DBV

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 800-424-9300 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	VAD988170684	1	XXXXXXXXXX	001246982 FLE

GENERATOR

5. Generator's Name and Mailing Address
ATTN: Chris Bagley
Generator's Phone: 434-797-8120 x199

Generator's Site Address (if different than mailing address)
DanChem Technologies, Inc.
1975 Old Richmond Road
Danville, VA 24540

6. Transporter 1 Company Name: Quality Carriers — U.S. EPA ID Number: FLD000057414

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
ISP Chemicals Inc.
Hwy. 95, Industrial Area
Calvert City, KY 42029
Facility's Phone: 270-395-1243
U.S. EPA ID Number: KYD008370175

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
RQ	1. Waste Vinyl Methyl Ether, Stabilized 2.1 UN1087, PG—N/A (0001)	001	TT	26,000	P	D001		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Emergency Contact: Chemtrec 800-424-9300

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Scott Van Allen — Signature: Scott Van Allen — Month 07 Day 21 Year 07

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Kenneth Bagwell — Signature — Month 7 Day 21 Year 07
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: F. P. LOATHERMAN — Signature — Month 7 Day 23 Year 07

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

LAND BAND NOTIFICATION FORM

Generator Name: DanChem Technologies, Inc. **Manifest Document No:** 001246982 FLE

Generator EPA ID No.: VAD988170684 **State Manifest No.: NA**

This form is submitted to ISP in compliance with 40 CFR 268.7(a)

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

1. **Treatability Group**

___**Wastewater** __X__ **Non Wastewater**

2. **U.S. EPA Hazardous Waste codes** (List all that apply) **Subcategory** (Complete only if applicable)

D001 - High TOC Ignitable Liquid > 10%TOC	

3. Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by (CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43. All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 288.43 are indicated.

____ The "Underlying Constituent Attachment" is included with this notification.

____ I certify that no "Underlying Hazardous Constituents" are present in the waste.

4. _____ Waste for which applicable treatment standards, must be listed completely:

a) F001-5 Spent Solvents

If U.S. EPA #'s F001, F002, F003, F004 or F005 appear in #2 check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below:

	F001 - 5 Spent Solvents	CCW (in mg/l) WW	NWW		F001 - 5 Spent Solvents	CCW (in mg/l) WW	NWW
	Acetone	0.28	160		Methanol	5/6	n/a
	Benzene	0.14	10		Methylene Chloride	0.089	30
	n-Butyl Alcohol	5.6	2.6		Methyl Ethyl Ketone	0.28	36
	Carbon Disulfide	3.8	n/a		Methyl Isobutyl Ketone	0.14	33
	Carbon Tetrachloride	0.057	6.0		Nitrobenzene	0.068	14
	Chlorobenzene	0.057	6.0		Pyridine	0.014	16
	Cresols(m-&p-isomers	0.77	5.6		Tetrachloroethylene	0.056	6.0
	o-Cresol	0.11	5.6		Toluene	0.080	10
	Cresols-Mixed Isomers (Cresylic Acid)	0.88	11.2		1,1,2-Trichloro 1,2,2-Triffuoroethane	0.057	30
	Cyclohexanone	0.36	n/a		1,1,1-Trichloroethane	0.054	6.0
	o-Dichlorobenzene	0.088	6.0		1,1,2-Trichloroethane	0.054	6.0
	Ethyl Acetate	0.34	33		Trichloroethylene	0.054	6.0
	Ethylbenzene	0.057	10		Trichloromono-fluoromethane	0.020	30
	Ethyl Ether	0.12	160				
	Isobutyl Alcohol	5.6	170		Xylene	0.32	30

		CCWE (in mg/l)				Technology Code	
	Carbon Disulfide	n/a	4.8		2-Nitropropane	INCIN	INCIN
	Cyclohexanone	n/a	0.75		2-Ethoxyethanol	INCIN	INCIN
	Methanol	n/a	0.75				

_____ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

b.) California List Wastes

Mark the following only. If the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

____Nickel and or compounds (as Ni) Limits > 134 mg/l
____Thallium and/or compounds (as Ti) Limits > 130 mg/l
____Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1.000 mg/kg.

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in part 268.32 or RCRA Section 3304 (d)

Signature: _____ Title: Site Safety Coordinator Date: 7/21/07

TL 97.5

09043 VR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 1-800-424-9300 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	VAD988170684	1	~~434-251-3132~~	003769510 JJK

GENERATOR

5. Generator's Name and Mailing Address: DANCHEM TECHNOLOGIES, INC.
1975 OLD RICHMOND RD.
DANVILLE, VA 24540
Generator's Phone: 434 797 8120

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: SUMTER TRANSPORT — U.S. EPA ID Number: SCD987584778

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: TM DEER PARK SERVICES LIMITED PARTNERSHIP
2525 BATTLEGROUND RD.
DEER PARK, TX 77536
Facility's Phone: 281-930-2525 — U.S. EPA ID Number: TXD000719518

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1993, WASTE FLAMMABLE LIQUID, N.O.S. (ACETONE), 3, II	01	TT	38480	P	OUTS	201H	D001
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

W.S.NO. 11809002

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Scott Van Allen — Signature: Scott Van Allen — Month 02 Day 17 Year 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] BAILEY — Signature: [signature] — Month 02 Day 17 Year 09

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
D79/H134			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: [illegible] BROWN — Signature: [signature] — Month 02 Day 18 Year 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

TM Deer Park Services LP

TM DEER PARK SERVICES LIMITED PARTNERSHIP

LAND DISPOSAL RESTRICTION NOTIFICATION

Generator Name: DANCHEM TECHNOLOGIES, INC. Manifest Number:

TM Deer Park Services LP Waste Profile #: 11809002

SECTION I: Non-Restricted Wastes

_____ *The waste identified above is non-hazardous or currently is not restricted by the USEPA according to 40 CFR Part 268.*

SECTION II: Restricted Wastes

This form is submitted to TM Deer Park Services Limited Partnership in accordance with regulations published by the EPA in 40 CFR Part 268, which governs Land Disposal of certain wastes. The hazardous waste identified above is one of the "restricted" wastes identified in Sections 268.30 through 268.36. In accordance with the record keeping requirements specified by EPA (Sec. 268.7), I have indicated how my waste must be managed to conform to the Land Disposal regulations. By signing this form, I am making the required certification shown.

SPECIFIC CONSTITUENT REQUIREMENTS. Can the waste identified above be classified in any of the following categories?

___ Spent Solvents (F001-F005): You must attach Table 1, Treatment Standards for Spent Solvents

___ F039: You must attach Table 2, F039/Universal Treatment Standards - Hazardous Constituent Form

___ D001 (<10% TOC), D002, D012-D043 Wastes: If the above waste is not to be treated in a Class I Injection System, a Clean Water Act (CWA) system or a CWA-equivalent system, please attach Table 2 in order to identify underlying hazardous constituents

___ California Waste ___ HOC > 1000 ppm ___ PCB > 50 ppm (liquid only)
___ Thallium > 130 ppm (liquid only) ___ Nickel > 134 ppm (liquid only)

SECTION III: Land Disposal Restriction Treatment Status

EPA Codes	Treatability Group WW/NW	Subcategory (See 40 CFR Section 268.40)	Treatment Status
D001	NW	HIGH TOC	D3

TREATMENT STATUS DEFINITIONS. Use the following definitions to help complete Section III by putting the appropriate letter, A, B, C, D or E under the "Treatment Status" column above for each EPA Waste Code.

A. REQUIRES TREATMENT: *The untreated waste identified above must be treated to the appropriate treatment standard set forth in 40 CFR Part 268, Subpart D, or 40 CFR Section 268.32 prior to land disposal.*

B. MEETS TREATMENT STANDARDS: *I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268, Subpart D and all applicable prohibitions set forth in 40 CFR Section 268.32 or RCRA 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment. (Sec. 268.7(a)(2)(i)).*

C. TREATED TO MEET TREATMENT STANDARDS: *I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268, Subpart D, and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment. (Sec. 268.7(b)(5)(i)).*

D. SUBJECT TO VARIANCE: *The waste identified above is subject to:*

1. *A case-by-case extension under 40 CFR Section 268.5 (date waste is subject to prohibition _____)*
2. *A nationwide variance (date waste is subject to prohibition _____)*
3. *A no migration petition under 40 CFR Section 268.6.*
4. *D001 (<10% TOC), D002 or D012-D043 waste treated in Class I Injection Well, Clean Water Act (CWA) System or CWA-equivalent system.*

E. NON RESTRICTED: *The waste identified above is non-restricted as indicated in Section I above.*

SECTION IV: CERTIFICATION *I hereby certify that all information submitted in this and all associated documents is complete and accurate to the best of my knowledge and information.*

Scott VanAlla — Shipping Supv. — 9-28-08

Signature — Title — Date

Form Date 5/10/06

09025 DBW

287889

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 1-800-424-9300 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	VAD988170684	3	434-797-8120	000092092 GRR

GENERATOR

5. Generator's Name and Mailing Address
DANCHEM TECHNOLOGIES INC
PO BOX 400 Attention:
DANVILLE VA 24543 CHARLIE MARTIN
Generator's Phone: 434-797 8120

Generator's Site Address (if different than mailing address)
Pick up site
1975 OLD RICHMOND ROAD
DANVILLE, VA 24540

6. Transporter 1 Company Name
STAT INC

U.S. EPA ID Number
NC1998799141

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
GIANT RESOURCE RECOVERY - SUMTER, INC
755 INDUSTRIAL ROAD PO BOX 1755
SUMTER, SC 29150 803-773-1400
Facility's Phone:

U.S. EPA ID Number
SCD003475626

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. WASTE FLAMMABLE LIQUID, CORROSIVE, N.O.S. (XYLENE, MALEIC ANHYDRIDE), 3, UN2924, PGII Secondary Emergency Response #803-773-1400	16	DM	6430	P	D001	D002	F003
X	2. WASTE FLAMMABLE LIQUIDS, N.O.S., (ISOPROPYL ALCOHOL), 3, UN1993, PGII Secondary Emergency Response #803-773-1400	02	DM	375	P	F003	D001	
X	3. WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (XYLENE, ACETONE), 4.1, UN3175, PGII Secondary Emergency Response #803-773-1400	02	DM	375	P	F005	F003	D001
X	4. HAZARDOUS WASTE LIQUID, N.O.S. (ARSENIC, POLYMERS), 9, NA3082, PGIII Secondary Emergency Response #803-773-1400	15	DM	7127	P	D004		

14. Special Handling Instructions and Additional Information
A. SB-A7134-D001 C. SB-41266-F005
B. SB-20875-F003 D. SB-44954-D004

If undeliverable, contact generator
BROKER NAME EQ - NORTH CAROLINA ✓

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Scott Van Allen
Signature: Scott Van Allen
Month: 02 Day: 10 Year: 09

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible]
Signature:
Month: 2 Day: 10 Year: 09
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H061	H061	H061	H061

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Tamie Sugg
Signature: Tamie Sugg
Month: 02 Day: 10 Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

DOC. #: 287889 09025 DBV

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number VAD988170684	22. Page 2 of 3	23. Manifest Tracking Number 000092092GRR

24. Generator's Name: DANCHEM TECHNOLOGIES INC
1975 OLD RICHMOND ROAD PO BOX 400
DANVILLE, VA 24540

25. Transporter _____ Company Name — U.S. EPA ID Number

26. Transporter _____ Company Name — U.S. EPA ID Number

GENERATOR

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
X	27b5 - WASTE FLAMMABLE SOLID, ORGANIC, N.O.S. (ACETONE), 4.1, UN1325, PGII Secondary Emergency Response #803-773-1400	12	DM	4151	P	F003 D001
X	27b6 HAZARDOUS WASTE SOLID, N.O.S. (ARSENIC, POLYMERS), 9, NA3077, PGIII Secondary Emergency Response #803-773-1400	03	DM	137	P	D004
X	27b7 WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (XYLENE, ISOBUTYL ALCOHOL), 4.1, UN3175, PGII Secondary Emergency Response #803-773-1400	01	DM	400	P	F005 F003 D001
X	27b8 WASTE FLAMMABLE LIQUID, N.O.S. (TETRAHYDROFURAN, POLYMERS), 3, UN1993, PGII Secondary Emergency Response #803-773-1400	03	DM	1135	P	D001
X	27b9 WASTE FLAMMABLE LIQUID, N.O.S. (XYLENE, ISOBUTANOL), 3, UN1993, PGII Secondary Emergency Response #803-773-1400	03	DM	1100	P	F005 F003 D001
X	27b10 WASTE FLAMMABLE LIQUID, N.O.S. (METHANOL), 3, UN1993, PGII Secondary Emergency Response #803-773-1400	12	DM	5120	P	F003 D001
X	27b11 USED CORROSIVE SOLID, N.O.S. (CALCIUM HYDROXIDE), 8, UN1759, PGIII Secondary Emergency Response #803-773-1400	03	DM	1500	P	NREG
	27b12 NON REGULATED (NON HAZARDOUS SOLIDS) Secondary Emergency Response #803-773-1400	11	DM	3578	P	NREG
	27b13 NON REGULATED (OIL, SURFACTANT, ETC) Secondary Emergency Response #803-773-1400	04	DF	140	P	NREG
	27b14Non regulated (Non Hazardous solid) Secondary Emergency #803-773-1400	01	DF	25	P	NREG

32. Special Handling Instructions and Additional Information

27b 5: 46379 ✓ 27b 9: 61479 ✓ 27b 13: 33873
27b 6: 46860 ✓ 27b 10: 93923 27b14 33964
27b 7: 47213 ✓ 27b 11: 22536
27b 8: 53600 ✓ 27b 12: 33964

TRANSPORTER

33. Transporter _____ Acknowledgment of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

34. Transporter _____ Acknowledgment of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

H061	H061	H061	H061	H061
H061				

DOC #: 287889

09025 DL ✓

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number VAD988170684	22. Page 3 of 3	23. Manifest Tracking Number 000092092GRR

24. Generator's Name: **DANCHEM TECHNOLOGIES INC**
1975 OLD RICHMOND ROAD PO BOX 400
DANVILLE, VA 24540

25. Transporter _____ Company Name — U.S. EPA ID Number

26. Transporter _____ Company Name — U.S. EPA ID Number

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
	27b 5: NON REGULATED (CYCLOALIPHATIC AMINE) Secondary Emergency Response #803-773-1400	06	DM	1320	P	NREG
	27b 6:					
	27b 7:					
	27b 8:					
	27b 9:					
	27b 10:					
	27b 11:					
	27b 12:					
	27b 13:					

GENERATOR

32. Special Handling Instructions and Additional Information

27b 5: 61478 — 27b 9: — 27b 13:
27b 6: — 27b 10:
27b 7: — 27b 11:
27b 8: — 27b 12:

TRANSPORTER

33. Transporter _____ Acknowledgment of Receipt of Materials
Printed/Typed Name — Signature — Month — Day — Year

34. Transporter _____ Acknowledgment of Receipt of Materials
Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

Giant Resource Recovery-Sumter, Inc.

755 Industrial Rd - PO Box 1755 - Sumter, SC 29151 - Phone: (803) 773-1400 - Fax: (803) 775-7016

CERTIFICATE OF COMPLIANCE AND DISPOSAL

Generator:	**DANCHEM TECHNOLOGIES INC**
Address:	1975 OLD RICHMOND ROAD DANVILLE VA 24540
EPA ID Number:	**VAD988170684**
Manifest No:	**000092092GRR**
Date Received:	2/10/2009
Receiving Facility:	Giant Resource Recovery-Sumter, Inc.
EPA ID Number:	SCD036275626
Facility Address:	755 Industrial Blvd. Sumter SC 29151

On the referenced date, your waste material was received at our facility for the purpose of treating for disposal and/or recycling for re-use.

It will be processed in accordance with state and federal regulations. Any portion not recycled for reuse will ultimately be sent by Grrl to a permitted disposal facility.

DOCUMENT: **287889** Date Shipped: **2/10/2009**

Brokered by: EQ - NORTH CAROLINA

GENERATORS NOTIFICATION OF TREATMENT REQUIREMENTS FOR WASTES RESTRICTED FROM LAND DISPOSAL UNDER 40 CFR 268 SUBPART D

MANIFEST NUMBER: EPA ID NUMBER: VAD988170684

EPA WASTE CODE: F003, D001 PROFILE NUMBER: 39605

WASTE CATEGORY [Check appropriate line(s)]

☐ **Unrestricted Waste Notification**

The disposal of this waste is not restricted as specified in 40 CFR 268, subpart D and all prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

☒ **Restricted Waste Notification**

A ☐ This is a restricted waste which meets the treatment standards as specified in 40 CFR 268, Subpart D.

B ☒ This waste does not meet the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate standard and in such a manner which renders it non-liquid by chemical fixation or solidification prior to land disposal. [See treatment standard below or see attached Part II section(s).]

C ☐ This shipment includes RCRA Section 3004(d) California list wastes. Circle or otherwise indicate individual constituents likely to be present in the waste.

			NON-WASTEWATER		WASTEWATER
EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	TOTAL COMPOSITION (mg/kg)	TCLP (mg/L)	TOTAL COMPOSITION (mg/L)
CALIFORNIA LISTED WASTE LAND DISPOSAL PROHIBITION LEVELS					
☐	Arsenic bearing liquid wastes	Arsenic (As)	500		
☐	Cadmium bearing liquid wastes	Cadmium (Cd)	100		
☐	Chromium bearing liquid waste	Chromium (Cr)	500		
☐	Lead bearing liquid wastes	Lead (Pb)	500		
☐	Nickel bearing liquid wastes	Nickel (Ni)	100		
☐	Mercury bearing liquid wastes	Mercury (Hg)	20		
☐	Selenium bearing liquid wastes	Selenium (Se)	100		
☐	Thallium bearing liquid wastes	Thallium (Th)	130		
☐	PCB bearing liquid wastes	Polychlorinated Biphenyls	50		
☐	Cyanide bearing liquid wastes	Cyanide (Total)	1000		
☐	Liquid wastes with a pH ≤ 2.0		pH ≤ 2.0		
☐	HOC bearing liquid wastes	HOCs listed below	1000		

D ☐ This shipment includes hazardous debris. (Check certification B or C)

As required by 40 CFR 268.7(a)(2), the following certification is made for these restricted wastes: (Check One)

A ☐ I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

B ☒ I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards, specified in 40 CFR 268 subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method.

C ☐ This hazardous debris is subject to the alternate treatment standards of 40 CFR 268.45. The waste contains the following contaminants subject to treatment. (Check all that apply).

___ 268.45 (b) (1) - Toxicity characteristic debris

___ 268.45 (b) (2) - Debris contaminated with listed waste

___ 268.45 (b) (3) - Cyanide reactive debris

SIGNATURE _____ TITLE HSE Manager

GENERATOR NAME/LOCATION: HICKSON DANCHEM
1975 OLD RICHMOND ROAD - DANVILLE VA, 24540

NOTE: PLEASE ATTACH WASTE ANALYSIS DATA. (OPTIONAL) DATE: 10/20/00

PROFILE NUMBER 39605

THIS IS A NON-WASTEWATER UNLESS THIS BOX IS CHECKED ☐ INDICATING WASTEWATER.

EPA CODES	SUBCATEGORY or WATE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER TCLP (mg/L)[1]	WASTEWATER TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES					
☒ D001	Ignitable liquids, High-TOC non-wastewater subcategory		RORGpr COMBST	-	-
☐ D001	Ignitable liquids, low-TOC non-wastewater subcat (TOC<10%)		DEACT & UHC STANDARDS	-	DEACT (6) & UHC STANDARDS
☐ D001	Ignitable liquids, wastewater subcat (TOC <1% & TSS<1%)		DEACT (6)	-	DEACT (6)
☐ D002	Acid subcategory	pH<2.0	DEACT (6) & UHC STANDARDS *		DEACT(6) & UHC*
☐ D002	Alkaline subcategory	pH>12.5	DEACT (6) & UHC STANDARDS *		DEACT(6) & UHC*
☐ D002	Other subcategory		DEACT & UHC STANDARDS *		DEACT & UHC*
☐ D004	Arsenic	Arsenic	-	5.0[4]	5.0
☐ D005	Barium	Barium	-	100	100
☐ D006	Cadmium	Cadmium	-	1.0	1.0
☐ D006	Cadmium batteries subcategory	Cadmium	RTHRM (24)	-	-
☐ D007	Chromium	Chromium (Total)	-	5.0	5.0
☐ D008	Lead	Lead	-	5.0[4]	5.0
☐ D008	Lead acid batteries[5]		RLEAD (18)	-	-
☐ D009	Low-mercury subcategory (<260 mg/kg total mercury)	Mercury	-	0.2	-
☐ D009	High-mercury subcategory (>260 mg/kg total mercury)	Mercury	RMERC or IMERC(6)	-	-
☐ D010	Selenium	Selenium	-	5.7	1.0
☐ D011	Silver	Silver	-	5.0	5.0
☐ D012	Endrin	Hexachloroepoxy-octa hydro-dimethano-naphthalene	0.13[6]	-	BIODG;INCIN(19)
☐ D013	Lindane	Isomer of Hexachlorobenzene	0.066[6]	-	CARBN;INCIN(28)
☐ D014	Methoxychlor	Methoxy DDT	0.18[6]	-	WETOX;INCIN(27)
☐ D015	Toxaphene	Toxaphene	2.6[6]	-	BIODG;INCIN(19)
☐ D016	2,4D	2,4Dichlorophen-oxyacetic Acid	10.0[6]	-	CHOXD;(28) BIODG;INCIN
☐ D017	2,4,5-TP (Silvex)	2,4,5-Trichlorophenoxy-propionic acid	7.9[6]	-	CHOXD;INCIN(1)
☐ D018	Benzene	Benzene	-	10	. 14
☐ D019	Carbon tetrachloride	Carbon tetrachloride	-	6.0	. 057
☐ D020	Chlordane	Octachloromethano-tetrahydroindane	-	.26	.0023
☐ D021	Chlorobenzene	Chlorobenzene	-	6.0	.057
☐ D022	Chloroform	Chloroform	-	6.0	.046
☐ D023	o-Cresol	o-Cresol	-	5.6	.11
☐ D024	m-Cresol	m-Cresol	-	5.6	.77
☐ D025	p-Cresol	p-Cresol	-	5.6	.77
☐ D026	Cresol	Total Cresols	-	11.2	.88
☐ D027	1,4-Dichlorobenzene	1,4-Dichlorobenzene	-	6.0	.090
☐ D028	1,2-Dichloroethane	1,2-Dichloroethane	-	6.0	.21
☐ D029	1,1-Dichloroethylene	1,2-Dichloroethylene	-	6.0	.025
☐ D030	2,4-Dinitrotoluene	2,4-Dinitrotoluene	-	140	.32
☐ D031	Heptachlor	Heptachlor	-	.066	.0012
☐ D031	Heptachlor Epoxide	Heptachlor Epoxide	-	.066	.016
☐ D032	Hexachlorobenzene	Hexachlorobenzene	-	10	.055
☐ D033	Hexachlorobutadiene	Hexachlorobutadien	-	5.6	.055
☐ D034	Hexachloroethane	Hexachloroethane	-	30	.055

EPA CODES	SUBCATEGORY or WATE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER TCLP (mg/L)[1]	WASTEWATER TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES (continued)					
☐ D035	Methyl ethyl ketone	Methyl ethyl ketone	-	36	.28
☐ D036	Nitrobenzene	Nitrobenzene	-	14	.068
☐ D037	Pentachlorophenol	Pentachlorophenol	-	7.4	.089
☐ D038	Pyridine	Pyridine	-	16	.014
☐ D039	Tetrachloroethylene	Perchloroethylene	-	6.0	.056
☐ D040	Trichloroethylene	Trichloroethylene	-	6.0	.054
☐ D041	2,4,5-TP	2,4,5-Trichlorophenol	-	7.4	.18
☐ D042	2,4,6-Trichlorophenol	2,4,6-Trichlorophenol	-	7.4	.035
☐ D043	Vinyl chloride	Vinyl clorida	-	6.0	.27
B. TREATMENT STANDARDS FOR "F"-LISTED WASTES					
F001 — Spent halogenated solvents used in degreasing[5]		☐ Carbon tetrachloride	6	-	0.057
		☐ Methylene chloride	30	-	0.089
		☐ Tetrachloroethylene	6	-	0.056
		☐ 1,1,1-Trichloroethane	6	-	0.054
		☐ Trichloroethylene	6	-	0.054
		☐ 1,1,2-Trichloro-1,2,2-trifluoroethane[7]	30	-	0.057
		☐ Trichloromonofluoromethane	30	-	0.02
F002 — Spent halogenated solvents[5]		☐ Chlorobenzene	6	-	0.057
		☐ o-Dichlorobenzene	6	-	0.088
		☐ Methylene chloride	30	-	0.089
		☐ Methylene chloride (wastewater from the pharmaceutical industry)	-	-	0.44
		☐ Tetrachloroethylene	6	-	0.056
		☐ 1,1,1-Trichloroethane	6	-	0.054
		☐ 1,1,2-Trichloroethane	6	-	0.054
		☐ Trichloroethylene	6	-	0.054
		☐ 1,1,2-Trichloro-1,2,2-trifluoroethane[7]	30	-	0.057
		☐ Trichloromonofluoromethane	30	-	0.02
F003 — Spent non-halogenated solvents[5]		☒ Acetone	160	-	0.28
		☐ n-Butyl alcohol	5.6	-	2.6
		☐ Cyclohexanone[3]	-	-	0.36[3]
		☐ Ethyl acetate	33	-	0.34
		☐ Ethyl benzene	10	-	0.057
		☐ Ethyl ether	160	-	0.12
		☐ Methanol[3]	-	-	5.6[3]
		☐ Methyl isobutyl ketone	33	-	0.14
		☐ Xylenes (total)	30	-	0.32
F005 — Spent non-halogenated solvents[5]		☐ Benzene	10	-	.14
		☐ Carbon disulfide[3]	-	-	3.8
		☐ 2-Ethoxyethanol	INCIN(2)	-	BIODG;INCIN(19)
		☐ Isobutyl alcohol	170	-	5.6
		☐ Methyl ethyl ketone	36	-	0.28
		☐ 2-Nitropropane	INCIN(2)	-	WETOX; or CHOYD fb CARBN or INCIN
		☐ Pyridine	16	-	0.014
		☐ Toluene	10	-	0.08

* Attach D001-Dec2 Underlying Hazardous Constituent Form and Check Box for each Constituent present.

GENERATORS NOTIFICATION OF TREATMENT REQUIREMENTS FOR WASTES RESTRICTED FROM LAND DISPOSAL UNDER 40 CFR 268 SUBPART D

MANIFEST NUMBER: 99182 EPA ID NUMBER: VAD988170684

EPA WASTE CODE: F003, D001 PROFILE NUMBER: 33501

WASTE CATEGORY [Check appropriate line(s)]

☐ **Unrestricted Waste Notification**

The disposal of this waste is not restricted as specified in 40 CFR 268, subpart D and all prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

☒ **Restricted Waste Notification**

A ☐ This is a restricted waste which meets the treatment standards as specified in 40 CFR 268, Subpart D.

B ☒ This waste does not meet the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate standard and in such a manner which renders it non-liquid by chemical fixation or solidification prior to land disposal. [See treatment standard below or see attached Part II section(s).]

C ☐ This shipment includes RCRA Section 3004(d) California list wastes. Circle or otherwise indicate individual constituents likely to be present in the waste.

			NON-WASTEWATER		WASTEWATER
EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	TOTAL COMPOSITION (mg/kg)	TCLP (mg/L)	TOTAL COMPOSITION (mg/L)
CALIFORNIA LISTED WASTE LAND DISPOSAL PROHIBITION LEVELS					
☐	Arsenic bearing liquid wastes	Arsenic (As)	500		
☐	Cadmium bearing liquid wastes	Cadmium (Cd)	100		
☐	Chromium bearing liquid waste	Chromium (Cr)	500		
☐	Lead bearing liquid wastes	Lead (Pb)	500		
☐	Nickel bearing liquid wastes	Nickel (Ni)	100		
☐	Mercury bearing liquid wastes	Mercury (Hg)	20		
☐	Selenium bearing liquid wastes	Selenium (Se)	100		
☐	Thallium bearing liquid wastes	Thallium (Th)	130		
☐	PCB bearing liquid wastes	Polychlorinated Biphenyls	50		
☐	Cyanide bearing liquid wastes	Cyanide (Total)	1000		
☐	Liquid wastes with a pH ≤ 2.0		pH ≤ 2.0		
☐	HOC bearing liquid wastes	HOCs listed below	1000		

D ☐ This shipment includes hazardous debris. (Check certification B or C)

As required by 40 CFR 268.7(a)(2), the following certification is made for these restricted wastes: (Check One)

A ☐ I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

B ☒ I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards, specified in 40 CFR 268 subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method.

C ☐ This hazardous debris is subject to the alternate treatment standards of 40 CFR 268.45. The waste contains the following contaminants subject to treatment. (Check all that apply).

___ 268.45 (b) (1) - Toxicity characteristic debris

___ 268.45 (b) (2) - Debris contaminated with listed waste

___ 268.45 (b) (3) - Cyanide reactive debris

SIGNATURE [signature] TITLE HSE Manager

GENERATOR NAME/LOCATION: HICKSON DANCHEM 1975 OLD RICHMOND ROAD - DANVILLE VA, 24540

NOTE: PLEASE ATTACH WASTE ANALYSIS DATA. (OPTIONAL) DATE: 8/17/99

PROFILE NUMBER 33501

THIS IS A NON-WASTEWATER UNLESS THIS BOX IS CHECKED ☐ INDICATING WASTEWATER.

EPA CODES	SUBCATEGORY or WATE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER TCLP (mg/L)[1]	WASTEWATER TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES					
☒ D001	Ignitable liquids, high-TOC non-wastewater subcategory		RORGpr COMBST	-	-
☐ D001	Ignitable liquids, low-TOC non-wastewater subcat (TOC<10%)		DEACT & UHC STANDARDS	-	DEACT (9) & UHC STANDARDS
☐ D001	Ignitable liquids, wastewater subcat (TOC <1% & TSS<1%)		DEACT (9)	-	DEACT (9)
☐ D002	Acid subcategory	pH<2.0	DEACT (9) & UHC STANDARDS *		DEACT(9) & UHC*
☐ D002	Alkaline subcategory	pH>12.5	DEACT (9) & UHC STANDARDS *		DEACT(9) & UHC*
☐ D002	Other subcategory		DEACT & UHC STANDARDS *		DEACT & UHC*
☐ D004	Arsenic	Arsenic	-	5.0[4]	5.0
☐ D005	Barium	Barium	-	100	100
☐ D006	Cadmium	Cadmium	-	1.0	1.0
☐ D006	Cadmium batteries subcategory	Cadmium	RTHRM (24)	-	-
☐ D007	Chromium	Chromium (Total)	-	5.0	5.0
☐ D008	Lead	Lead	-	5.0[4]	5.0
☐ D008	Lead acid batteries[8]		RLEAD (13)	-	-
☐ D009	Low-mercury subcategory (<260 mg/kg total mercury)	Mercury	-	0.2	-
☐ D009	High-mercury subcategory (>260 mg/kg total mercury)	Mercury	RMERC or IMERC(9)	-	-
☐ D010	Selenium	Selenium	-	5.7	1.0
☐ D011	Silver	Silver	-	5.0	5.0
☐ D012	Endrin	Hexachlorepoxy-octo hydro-dimethano-naphthalene	0.13[5]	-	BIODG;INCIN(19)
☐ D013	Lindane	Isomer of Hexachlorobenzene	0.066[5]	-	CARBN;INCIN(20)
☐ D014	Methoxychlor	Methoxy/DDT	0.18[5]	-	WETOX;INCIN(27)
☐ D015	Toxaphene	Toxaphene	2.6[5]	-	BIODG;INCIN(19)
☐ D016	2,4D	2,4Dichlorophen-oxyacetic Acid	10.6[5]	-	CHOXD;(28) BIODG;INCIN
☐ D017	2,4,5-TP (Silvex)	2,4,5-Trichlorophenoxy-propionic acid	7.9[5]	-	CHOXD;INCIN(1)
☐ D018	Benzene	Benzene	-	10	. 14
☐ D019	Carbon tetrachloride	Carbon tetrachloride	-	6.0	. 057
☐ D020	Chlordane	Octachloromethano-tenahydroindane	-	.26	.0033
☐ D021	Chlorobenzene	Chlorobenzene	-	6.0	.057
☐ D022	Chloroform	Chloroform	-	6.0	.046
☐ D023	o-Cresol	o-Cresol	-	5.6	.11
☐ D024	m-Cresol	m-Cresol	-	5.6	.77
☐ D025	p-Cresol	p-Cresol	-	5.6	.77
☐ D026	Cresol	Total Cresols	-	11.2	.88
☐ D027	1,4-Dichlorobenzene	1,4-Dichlorobenzene	-	6.0	.090
☐ D028	1,2-Dichloroethane	1,2-Dichloroethane	-	6.0	.21
☐ D029	1,1-Dichloroethylene	1,2-Dichloroethylene	-	6.0	.025
☐ D030	2,4-Dinitrotoluene	2,4-Dinitrotoluene	-	140	.32
☐ D031	Heptachlor	Heptachlor	-	.066	.0012
☐ D031	Heptachlor Epoxide	Heptachlor Epoxide	-	.066	.016
☐ D032	Hexachlorobenzene	Hexachlorobenzene	-	10	.055
☐ D033	Hexachlorobutadiene	Hexachlorobutadien	-	5.6	.055
☐ D034	Hexachloroethane	Hexachloroethane	-	30	.055

EPA CODES	SUBCATEGORY or WATE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER TCLP (mg/L)[1]	WASTEWATER TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES (continued)					
☐ D035	Methyl ethyl ketone	Methyl ethyl ketone	-	36	.28
☐ D036	Nitrobenzene	Nitrobenzene	-	14	.068
☐ D037	Pentachlorophenol	Pentachlorophenol	-	7.4	.089
☐ D038	Pyridine	Pyridine	-	16	.014
☐ D039	Tetrachloroethylene	Paschloroethylene	-	6.0	.056
☐ D040	Trichloroethylene	Trichloroethylene	-	6.0	.054
☐ D041	2,4,5-TP	2,4,5-Trichlorophenol	-	7.4	.18
☐ D042	2,4,6-Trichlorophenol	2,4,6-Trichlorophenol	-	7.4	.035
☐ D043	Vinyl chloride	Vinyl chloride	-	6.0	.27
B. TREATMENT STANDARDS FOR "F"-LISTED WASTES					
F001 — Spent halogenated solvents used in degreasing[3]	☐ Carbon tetrachloride	6	-	0.057
	☐ Methylene chloride	30	-	0.089
	☐ Tetrachloroethylene	6	-	0.056
	☐ 1,1,1-Trichloroethane	6	-	0.054
	☐ Trichloroethylene	6	-	0.054
	☐ 1,1,2-Trichloro-1,2,2-tri-fluoroethane[7]	30	-	0.057
	☐ Trichloromonofluoro-methane	30	-	0.02
F002 — Spent halogenated solvents[3]	☐ Chlorobenzene	6	-	0.057
	☐ o-Dichlorobenzene	6	-	0.088
	☐ Methylene chloride	30	-	0.089
	☐ Methylene chloride (waste-water from the pharma-ceutical industry)	-	-	0.44
	☐ Tetrachloroethylene	6	-	0.056
	☐ 1,1,1-Trichloroethane	6	-	0.054
	☐ 1,1,2-Trichloroethane	6	-	0.054
	☐ Trichloroethylene	6	-	0.054
	☐ 1,1,2-Trichloro-1,2,2-tri-fluoroethane[7]	30	-	0.057
	☐ Trichloromonofluoro-methane	33	-	0.02
F003 — Spent non-halogenated solvents[6]	☐ Acetone	160	-	0.28
	☐ n-Butyl alcohol	5.6	-	2.6
	☐ Cyclohexanone[3]	-	-	0.36[3]
	☐ Ethyl acetate	33	-	0.34
	☐ Ethyl benzene	10	-	0.057
	☐ Ethyl ether	160	-	0.12
	☐ Methanol[3]	-	-	5.6[3]
	☐ Methyl isobutyl ketone	33	-	0.14
	☒ Xylenes (total)	30	-	0.32
F005 — Spent non-halogenated solvents[6]	☐ Benzene	10	-	.14
	☐ Carbon disulfide[3]	-	-	3.8
	☐ 2-Ethoxyethanol	INCIN(2)	-	BIODG;INCIN(19)
	☐ Isobutyl alcohol	170	-	5.6
	☐ Methyl ethyl ketone	36	-	0.28
	☐ 2-Nitropropane	INCIN(2)	-	WETOX; or CHOYD fb CARBN or INCIN
	☐ Pyridine	16	-	0.014
	☐ Toluene	10	-	0.08

* Attach D001-Dec2 Underlying Hazardous Constituent Form and Check Box for each Constituent present.

GENERATORS NOTIFICATION OF TREATMENT REQUIREMENTS FOR WASTES RESTRICTED FROM LAND DISPOSAL UNDER 40 CFR 268 SUBPART D

MANIFEST NUMBER: 99182 EPA ID NUMBER: VAD988170684

EPA WASTE CODE: F005 PROFILE NUMBER: 20872

WASTE CATEGORY [Check appropriate line(s)]

☐ **Unrestricted Waste Notification**

The disposal of this waste is not restricted as specified in 40 CFR 268, subpart D and all prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

☒ **Restricted Waste Notification**

A ☐ This is a restricted waste which meets the treatment standards as specified in 40 CFR 268, Subpart D.

B ☒ This waste does not meet the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate standard and in such a manner which renders it non-liquid by chemical fixation or solidification prior to land disposal. [See treatment standard below or see attached Part II section(s).]

C ☐ This shipment includes RCRA Section 3004(d) California list wastes. Circle or otherwise indicate individual constituents likely to be present in the waste.

				NON-WASTEWATER		WASTEWATER
	EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	TOTAL COMPOSITION (mg/kg)	TCLP (mg/L)	TOTAL COMPOSITION (mg/L)
	CALIFORNIA LISTED WASTE LAND DISPOSAL PROHIBITION LEVELS					
☐		Arsenic bearing liquid wastes	Arsenic (As)	500		
☐		Cadmium bearing liquid wastes	Cadmium (Cd)	100		
☐		Chromium bearing liquid waste	Chromium (Cr)	500		
☐		Lead bearing liquid wastes	Lead (Pb)	500		
☐		Nickel bearing liquid wastes	Nickel (Ni)	100		
☐		Mercury bearing liquid wastes	Mercury (Hg)	20		
☐		Selenium bearing liquid wastes	Selenium (Se)	100		
☐		Thallium bearing liquid wastes	Thallium (Tl)	130		
☐		PCB bearing liquid wastes	Polychlorinated Biphenyls	50		
☐		Cyanide bearing liquid wastes	Cyanide (Total)	1000		
☐		Liquid wastes with a pH ≤ 2.0		pH ≤ 2.0		
☐		HOC bearing liquid wastes	HOCs listed below	1000		

D ☐ This shipment includes hazardous debris. (Check certification B or C)

As required by 40 CFR 268.7(a)(2), the following certification is made for these restricted wastes: (Check One)

A ☐ I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

B ☒ I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards, specified in 40 CFR 268 subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method.

C ☐ This hazardous debris is subject to the alternate treatment standards of 40 CFR 268.45. The waste contains the following contaminants subject to treatment. (Check all that apply).

___ 268.45 (b) (1) - Toxicity characteristic debris

___ 268.45 (b) (2) - Debris contaminated with listed waste

___ 268.45 (b) (3) - Cyanide reactive debris

SIGNATURE [signature] TITLE HSE Manager

GENERATOR NAME/LOCATION: HICKSON DANCHEM 1975 OLD RICHMOND ROAD - DANVILLE VA, 24540

NOTE: PLEASE ATTACH WASTE ANALYSIS DATA. (OPTIONAL) DATE: 8/13/99

PROFILE NUMBER 20872

THIS IS A NON-WASTEWATER UNLESS THIS BOX IS CHECKED ☐ INDICATING WASTEWATER.

EPA CODES	SUBCATEGORY or WATE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER TCLP (mg/L)[1]	WASTEWATER TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES					
☐ D001	Ignitable liquids, high-TOC non-wastewater subcategory		RORG;or COMBST	-	-
☐ D001	Ignitable liquids, low-TOC non-wastewater subcat (TOC<10%)		DEACT & UHC STANDARDS	-	DEACT (ll) & UHC STANDARDS
☐ D001	Ignitable liquids, wastewater subcat (TOC <1% & TSS<1%)		DEACT (ll)	-	DEACT (ll)
☐ D002	Acid subcategory	pH<2.0	DEACT (ll) & UHC STANDARDS[4]		DEACT(ll) & UHC[4]
☐ D002	Alkaline subcategory	pH>12.5	DEACT (ll) & UHC STANDARDS[4]		DEACT(ll) & UHC[4]
☐ D002	Other subcategory		DEACT & UHC STANDARDS[4]		DEACT & UHC[4]
☐ D004	Arsenic	Arsenic	-	5.0[4]	5.0
☐ D005	Barium	Barium	-	100	100
☐ D006	Cadmium	Cadmium	-	1.0	1.0
☐ D006	Cadmium batteries subcategory	Cadmium	RTHRM (24)	-	-
☐ D007	Chromium	Chromium (Total)	-	5.0	5.0
☐ D008	Lead	Lead	-	5.0[4]	5.0
☐ D008	Lead acid batteries[3]		RLEAD (19)	-	-
☐ D009	Low-mercury subcategory (<260 mg/kg total mercury)	Mercury	-	0.2	-
☐ D009	High-mercury subcategory (>260 mg/kg total mercury)	Mercury	RMERC or IMERC(ll)	-	-
☐ D010	Selenium	Selenium	-	5.7	1.0
☐ D011	Silver	Silver	-	5.0	5.0
☐ D012	Endrin	Hexachlorooxepy-octo hydro-dimethano-naphthalene	0.13[5]	-	BIODG;INCIN(19)
☐ D013	Lindane	Isomer of Hexachlorobenzene	0.066[5]	-	CARBN;INCIN(26)
☐ D014	Methoxychlor	Methoxy-DDT	0.18[5]	-	WETOX;INCIN(27)
☐ D015	Toxaphene	Toxaphene	2.6[5]	-	BIODG;INCIN(19)
☐ D016	2,4D	2,4-Dichlorophen-oxyacetic Acid	10.0[5]	-	CHOXD;(28) BIODG;INCIN
☐ D017	2,4,5-TP (Silvex)	2,4,5-Trichlorophenoxy-propionic acid	7.9[5]	-	CHOXD;INCIN(1)
☐ D018	Benzene	Benzene	-	10	. 14
☐ D019	Carbon tetrachloride	Carbon tetrachloride	-	6.0	. 057
☐ D020	Chlordane	Octachlorometh-ano-tetrahydroindane	-	.26	.0033
☐ D021	Chlorobenzene	Chlorobenzene	-	6.0	.057
☐ D022	Chloroform	Chloroform	-	6.0	.046
☐ D023	o-Cresol	o-Cresol	-	5.6	.11
☐ D024	m-Cresol	m-Cresol	-	5.6	.77
☐ D025	p-Cresol	p-Cresol	-	5.6	.77
☐ D026	Cresol	Total Cresols	-	11.2	.88
☐ D027	1,4-Dichlorobenzene	1,4-Dichlorobenzene	-	6.0	.090
☐ D028	1,2-Dichloroethane	1,2-Dichloroethane	-	6.0	.21
☐ D029	1,1-Dichloroethylene	1,2-Dichloroethylene	-	6.0	.025
☐ D030	2,4-Dinitrotoluene	2,4-Dinitrotoluene	-	140	.32
☐ D031	Heptachlor	Heptachlor	-	.008	.0012
☐ D031	Heptachlor Epoxide	Heptachlor Epoxide	-	.008	.016
☐ D032	Hexachlorobenzene	Hexachlorobenzene	-	10	.055
☐ D033	Hexachlorobutadiene	Hexachlorobutadien	-	5.6	.055
☐ D034	Hexachloroethane	Hexachloroethane	-	30	.055

EPA CODES	SUBCATEGORY or WATE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER TCLP (mg/L)[1]	WASTEWATER TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES (continued)					
☐ D035	Methyl ethyl ketone	Methyl ethyl ketone	-	36	.28
☐ D036	Nitrobenzene	Nitrobenzene	-	14	.068
☐ D037	Pentachlorophenol	Pentachlorophenol	-	7.4	.089
☐ D038	Pyridine	Pyridine	-	16	.014
☐ D039	Tetrachloroethylene	Perchloroethylene	-	6.0	.056
☐ D040	Trichloroethylene	Trichloroethylene	-	6.0	.054
☐ D041	2,4,5-TP	2,4,5-Trichlorophenol	-	7.4	.18
☐ D042	2,4,6-Trichlorophenol	2,4,6-Trichlorophenol	-	7.4	.035
☐ D043	Vinyl chloride	Vinyl chloride	-	6.0	.27
B. TREATMENT STANDARDS FOR "F"-LISTED WASTES					
F001 — Spent halogenated solvents used in degreasing[8]		☐ Carbon tetrachloride	6	-	0.057
		☐ Methylene chloride	30	-	0.089
		☐ Tetrachloroethylene	6	-	0.056
		☐ 1,1,1-Trichloroethane	6	-	0.054
		☐ Trichloroethylene	6	-	0.054
		☐ 1,1,2-Trichloro-1,2,2-tri-fluoroethane[7]	30	-	0.057
		☐ Trichloromonofluoro-methane	30	-	0.02
F002 — Spent halogenated solvents[8]		☐ Chlorobenzene	6	-	0.057
		☐ o-Dichlorobenzene	6	-	0.088
		☐ Methylene chloride	30	-	0.089
		☐ Methylene chloride (waste-water from the pharma-ceutical industry)	-	-	0.44
		☐ Tetrachloroethylene	6	-	0.056
		☐ 1,1,1-Trichloroethane	6	-	0.054
		☐ 1,1,2-Trichloroethane	6	-	0.054
		☐ Trichloroethylene	6	-	0.054
		☐ 1,1,2-Trichloro-1,2,2-tri-fluoroethane[7]	30	-	0.057
		☐ Trichloromonofluoro-methane	30	-	0.02
F003 — Spent non-halogenated solvents[8]		☐ Acetone	160	-	0.28
		☐ n-Butyl alcohol	5.6	-	2.6
		☐ Cyclohexanone[3]	-	-	0.36[3]
		☐ Ethyl acetate	33	-	0.34
		☐ Ethyl benzene	10	-	0.057
		☐ Ethyl ether	160	-	0.12
		☐ Methanol[3]	-	-	5.6[3]
		☐ Methyl isobutyl ketone	33	-	0.14
		☐ Xylenes (total)	30	-	0.32
F005 — Spent non-halogenated solvents[8]		☐ Benzene	10	-	.14
		☐ Carbon disulfide[3]	-	-	3.8
		☐ 2-Ethoxyethanol	INCIN(2)	-	BIODG;INCIN(19)
		☐ Isobutyl alcohol	170	-	5.6
		☐ Methyl ethyl ketone	36	-	0.28
		☐ 2-Nitropropane	INCIN(2)	-	WETOX; or CHOYD fb CARBN or INCIN
		☐ Pyridine	16	-	0.014
		☐ Toluene	10	-	0.08

[1] Attach D001-Doo2 Underlying Hazardous Constituent Form and Check Box for each Constituent present.

GENERATORS NOTIFICATION OF TREATMENT REQUIREMENTS FOR WASTES RESTRICTED FROM LAND DISPOSAL UNDER 40 CFR 268 SUBPART D

MANIFEST NUMBER: EPA ID NUMBER: VAD988170684

EPA WASTE CODE: D001, D002,F003 PROFILE NUMBER: A7134

WASTE CATEGORY [Check appropriate line(s)]

☐ **Unrestricted Waste Notification**

The disposal of this waste is not restricted as specified in 40 CFR 268, subpart D and all prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

☒ **Restricted Waste Notification**

A ☐ This is a restricted waste which meets the treatment standards as specified in 40 CFR 268, Subpart D.

B ☒ This waste doses not meet the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate standard and in such a manner which renders it non-liquid by chemical fixation or solidification prior to land disposal. [See treatment standard below or see attached Part II section(s).]

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			NON-WASTEWATER		WASTEWATER
EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	TOTAL COMPOSITION (mg/kg)	TCLP (mg/L)	TOTAL COMPOSITION (mg/L)
CALIFORNIA LISTED WASTE LAND DISPOSAL PROHIBITION LEVELS					
☐	Arsenic bearing liquid wastes	Arsenic (As)	500		
☐	Cadmium bearing liquid wastes	Cadmium (Cd)	100		
☐	Chromium bearing liquid wastes	Chromium (Cr)	500		
☐	Lead bearing liquid wastes	Lead (Pb)	500		
☐	Nickel bearing liquid wastes	Nickel (Ni)	100		
☐	Mercury bearing liquid wastes	Mercury (Hg)	20		
☐	Selenium bearing liquid wastes	Selenium (Se)	100		
☐	Thallium bearing liquid wastes	Thallium (Tl)	130		
☐	PCB bearing liquid wastes	Polychlorinated Biphenyls	50		
☐	Cyanide bearing liquid wastes	Cyanide (Total)	1000		
☐	Liquid wastes with a pH < 2.0		pH < 2.0		
☐	HOC bearing liquid wastes	HOCs listed below	1000		

D ☐ This shipment includes hazardous debris. (Check certification B or C)

As required by 40 CFR 268.7(a)(2), the following certification is made for these restricted wastes: (Check One)

A ☐ I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

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C ☐ This hazardous debris is subject to the alternate treatment standards of 40 CFR 268.45. The waste contains the following contaminants subject to treatment. (Check all that apply).

__ 268.45 (b) (1) - Toxicity Characteristic debris
__ 268.45 (b) (2) - Debris contaminated with listed waste
__ 268.45 (b) (3) - Cyanide reactive debris

SIGNATURE _____ TITLE Site Safety Coordinator

GENERATOR NAME/LOCATION:

Danchem Technologies Inc 1975 Old Richmond RD. **Danville, VA** **24540**

NOTE: Please Attach Waste Analysis Date. (OPTIONAL) DATE: 1/19/05

PROFILE NUMBER 47134

THIS IS A NON-WASTEWATER UNLESS THIS BOX IS CHECKED ☐ INDICATING WASTEWATER.

	EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)1	NON-WASTEWATER TCLP (mg/L) 1	WASTEWATER TOTAL COMPOSITION (mg/L) (method) 1
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES						
☒	D001	Ignitable liquids, high-TOC non-wastewater subcategory		RORG;or COMBST	-	-
☐	D001	Ignitable liquids, low-TOC non-wastewater subcat (TOC<10%)		DEACT & UHC STANDARDS	-	DEACT (6) & UHC STANDARDS
☐	D001	Ignitable liquids, wastewater subcat (TOC <1% & TSS<1%)		DEACT (6)	-	
☐	D002	Acid subcategory	pH<2.0	DEACT (6) & UHC STANDARDS*		DEACT (6) & UHC*
☒	D002	Alkaline subcategory	pH>12.5	DEACT (6) & UHC STANDARDS*		DEACT (6) & UHC*
☐	D002	Other subcategory		DEACT & UHC STANDARDS*		DEACT & UHC*
☐	D004	Arsenic	Arsenic	-	5.0 [6]	5.0
☐	D005	Barium	Barium	-	100	100
☐	D006	Cadmium	Cadmium	-	1.0	1.0
☐	D006	Cadmium batteries subcategor	Cadmium	RTHRM (24)	-	-
☐	D007	Chromium	Chromium (Total)	-	5.0	5.0
☐	D008	Lead	Lead	-	5.0 [4]	5.0
☐	D008	Lead acid batteries8		RLEAD (13)	-	-
☐	D009	Low-mercury subcategory (<260 mg/kg total mercury)	Mercury	-	0.2	-
☐	D009	High-mercury subcategory (>260 mg/kg total mercury)	Mercury	RMERC or IMERC (6)	-	-
☐	D010	Selenium	Selenium	-	5.7	1.0
☐	D011	Silver	Silver	-	5.0	5.0
☐	D012	Endrin	Hexachloroepoxy-octo hydro-dimethano-naphthalene	0.13 [6]	-	BIODG;INCIN(19)
☐	D013	Lindane	isomer of Hexachlorobenzene	0.066 [6]	-	CARBN;INCIN(26)
☐	D014	Methoxychlor	MethoxyDDT	0.18 [6]	-	WETOX;INCIN(27)
☐	D015	Toxaphene	Toxaphene	2.8 [6]	-	BIODG;INCIN(19)
☐	D016	2,4 D	2,4Dichlorophen-oxyacetic Acid	10.0 [6]	-	CHOXD;(26) DIODG;INCIN
☐	D017	2,4,5-TP (Silvex)	2,4,5-Trichlorophenoxy-propionic acid	7.9 [6]	-	CHOXD;INCIN(1)
☐	D018	Benzene	Benzene	-	10	0.14
☐	D019	Carbon Tetrachloride	Carbon tetrachloride	-	6.0	0.057
☐	D020	Chlordane	Octochloromethano-tetrahydroindane	-	0.26	0.0033
☐	D021	Chlorobenzene	Chlorobenzene	-	6.0	0.057
☐	D022	Chloroform	Chloroform	-	6.0	0.46
☐	D023	o-Cresol	o-Cresol	-	5.6	0.11
☐	D024	m-Cresol	m-Cresol	-	5.6	0.77
☐	D025	p-Cresol	p-Cresol	-	5.6	0.77
☐	D026	Cresol	Total Cresols	-	11.2	0.88
☐	D027	1,4-Dichlorobenzene	1,4-Dichlorobenzene	-	6.0	0.09
☐	D028	1,2-Dichloroethane	1,2-Dichloroethane	-	6.0	0.21
☐	D029	1,1-Dichloroethylene	1,2-Dichloroethylene	-	6.0	0.025
☐	D030	2,4-Dinitrotoluene	2,4-Dinitrotoluene	-	140	0.32
☐	D031	Heptachlor	Heptachlor	-	0.066	0.0012
☐	D031	Heptachlor Epoxide	Heptachlor Epoxide	-	0.066	0.016
☐	D032	Hexachlorobenzene	Hexachlorobenzene	-	10	0.055
☐	D033	Hexachlorobutadiene	Hexachlorobutadien	-	5.6	0.055
☐	D034	Hexachloroethane	Hexachloroethane	-	30	0.055

	EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)1	NON-WASTEWATER TCLP (mg/L) 1	WASTEWATER TOTAL COMPOSITION (mg/L) (method) 1
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES (continued)						
☐	D035	Methyl ethyl ketone	Methyl ethyl ketone	-	36	0.28
☐	D036	Nitrobenzene	Nitrobenzene	-	14	0.068
☐	D037	Pentachlorophenol	Pentachlorophenol	-	7.4	0.089
☐	D038	Pyridine	Pyridine	-	16	0.014
☐	D039	Tetrachloroethylene	Perchloroethylene	-	6.0	0.056
☐	D040	Trichloroethylene	Trichloroethylene	-	6.0	0.054
☐	D041	2,4,5-TP	2,4,5-Trichlorophenol	-	7.4	0.18
☐	D042	2,4,6-Trichlorophenol	2,4,6-Trichlorophenol	-	7.4	0.035
☐	D043	Vinyl chloride	Vinyl chloride	-	6.0	0.27
B. TREATMENT STANDARDS FOR "F" -LISTED WASTES						
F001 - Spent halogenated solvents used in degreasing						
☐			Carbon Tetrachloride	6	-	0.057
☐			Methylene chloride	30	-	0.089
☐			Tetrachloroethylene	6	-	0.056
☐			1,1,1-Trichloroethane	6	-	0.054
☐			Trichloroethylene	6	-	0.054
☐			1,1,2-Trichloro-1,2,2-t fluoroethane'	30	-	0.057
☐			Trichloromonofluoro-methane	30	-	0.02
F002 - Spent halogenated solvents*						
☐			Chlorobenzene	6	-	0.057
☐			o-Dichlorobenzene	6	-	0.088
☐			Methylene chloride	30	-	0.089
☐			Methylene chloride (w water from the pharm ceutical industry)	-	-	0.44
☐			Tetrachloroethylene	6	-	0.056
☐			1,1,1-Trichloroethane	6	-	0.054
☐			1,1,2-Trichloroethane	6	-	0.054
☐			Trichloroethylene	6	-	0.054
☐			1,1,2-Trichloro-1,2,2-t fluoroethane'	30	-	0.057
☐			Trichloromonofluoro-methane	33	-	0.02
F003 - Spent non-halogenated solvents*						
☐			Acetone	160	-	0.28
☐			n-Butyl Alcohol	5.6	-	2.6
☐			Cyclohexanone*	-	-	0.36 [3]
☐			Ethyl acetate	33	-	0.34
☐			Ethyl benzene	10	-	0.057
☐			Ethyl ether	160	-	0.12
☐			Methanol*	-	-	5.6 [3]
☐			Methyl isobutyl ketone	33	-	0.14
☒			Xylenes (total)	30	-	0.32
F005 - Spent non-halogenated solvents*						
☐			Benzene	10	-	0.14
☐			Carbon disulfide*	-	-	3.8
☐			2-Ethoxyethanol	INCIN(2)	-	BIODG;INCIN(19)
☐			Isobutyl alcohol	170	-	5.6
☐			Methyl ethyl ketone	36	-	0.28
☐			2-Nitropropene	INCIN(2)	-	WETOX; or CHOYD fb CARBN or INCIN
☐			Pyridine	16	-	0.014
☐			Toluene	10	-	0.08

Attach D001-D002 Underlying Hazardous Constituent Form and Check Box for each Constituent present

GENERATORS NOTIFICATION OF TREATMENT REQUIREMENTS FOR WASTES RESTRICTED FROM LAND DISPOSAL UNDER 40 CFR 268 SUBPART D

MANIFEST NUMBER: 99115 EPA ID NUMBER: VAD988170684

EPA WASTE CODE: F003, D001 PROFILE NUMBER: 20875

WASTE CATEGORY [Check appropriate line(s)]

☐ **Unrestricted Waste Notification**

The disposal of this waste is not restricted as specified in 40 CFR 268, subpart D and all prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

☒ **Restricted Waste Notification**

A ☐ This is a restricted waste which meets the treatment standards as specified in 40 CFR 268, Subpart D.

B ☒ This waste does not meet the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate standard and in such a manner which renders it non-liquid by chemical fixation or solidification prior to land disposal. [See treatment standard below or see attached Part II section(s).]

C ☐ This shipment includes RCRA Section 3004(d) California list wastes. Circle or otherwise indicate individual constituents likely to be present in the waste.

	EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg)	NON-WASTEWATER TCLP (mg/L)	WASTEWATER TOTAL COMPOSITION (mg/L)
	CALIFORNIA LISTED WASTE LAND DISPOSAL PROHIBITION LEVELS					
☐		Arsenic bearing liquid wastes	Arsenic (As)	500		
☐		Cadmium bearing liquid wastes	Cadmium (Cd)	100		
☐		Chromium bearing liquid waste	Chromium (Cr)	500		
☐		Lead bearing liquid wastes	Lead (Pb)	500		
☐		Nickel bearing liquid wastes	Nickel (Ni)	100		
☐		Mercury bearing liquid wastes	Mercury (Hg)	20		
☐		Selenium bearing liquid wastes	Selenium (Se)	100		
☐		Thallium bearing liquid wastes	Thallium (Th)	130		
☐		PCB bearing liquid wastes	Polychlorinated Biphenyls	50		
☐		Cyanide bearing liquid wastes	Cyanide (Total)	1000		
☐		Liquid wastes with a pH ≤ 2.0		pH ≤ 2.0		
☐		HOC bearing liquid wastes	HOCs listed below	1000		

D ☐ This shipment includes hazardous debris. (Check certification B or C)

As required by 40 CFR 268.7(a)(2), the following certification is made for these restricted wastes: (Check One)

A ☐ I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

B ☒ I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards, specified in 40 CFR 268 subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method.

C ☐ This hazardous debris is subject to the alternate treatment standards of 40 CFR 268.45. The waste contains the following contaminants subject to treatment. (Check all that apply).

___ 268.45 (b) (1) - Toxicity characteristic debris

___ 268.45 (b) (2) - Debris contaminated with listed waste

___ 268.45 (b) (3) - Cyanide reactive debris

SIGNATURE [signature] TITLE HSE Manager

GENERATOR NAME/LOCATION: HICKSON DANCHEM 1975 OLD RICHMOND ROAD - DANVILLE VA. 24540

NOTE: PLEASE ATTACH WASTE ANALYSIS DATA. (OPTIONAL) DATE: 2/22/02

PROFILE NUMBER 20875

THIS IS A NON-WASTEWATER UNLESS THIS BOX IS CHECKED ☐ INDICATING WASTEWATER.

EPA CODES	SUBCATEGORY or WATE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER TCLP (mg/L)[1]	WASTEWATER TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES					
☒ D001	Ignitable liquids, high-TOC non-wastewater subcategory		RORS;or COMBST	-	-
☐ D001	Ignitable liquids, low-TOC non-wastewater subcat (TOC<10%)		DEACT & UHC STANDARDS	-	DEACT (9) & UHC STANDARDS
☐ D001	Ignitable liquids, wastewater subcat (TOC <1% & TSS<1%)		DEACT (9)	-	DEACT (9)
☐ D002	Acid subcategory	pH<2.0	DEACT (9) & UHC STANDARDS *		DEACT(9) & UHC*
☐ D002	Alkaline subcategory	pH>12.5	DEACT (9) & UHC STANDARDS *		DEACT(9) & UHC*
☐ D002	Other subcategory		DEACT & UHC STANDARDS *		DEACT & UHC*
☐ D004	Arsenic	Arsenic	-	5.0[4]	5.0
☐ D005	Barium	Barium	-	100	100
☐ D006	Cadmium	Cadmium	-	1.0	1.0
☐ D006	Cadmium batteries subcategory	Cadmium	RTHRM (24)	-	-
☐ D007	Chromium	Chromium (Total)	-	5.0	5.0
☐ D008	Lead	Lead	-	5.0[4]	5.0
☐ D008	Lead acid batteries[6]		RLEAD (13)	-	-
☐ D009	Low-mercury subcategory (<260 mg/kg total mercury)	Mercury	-	0.2	-
☐ D009	High-mercury subcategory (>260 mg/kg total mercury)	Mercury	RMERC or IMERC(9)	-	-
☐ D010	Selenium	Selenium	-	5.7	1.0
☐ D011	Silver	Silver	-	5.0	5.0
☐ D012	Endrin	Hexachloroepoxy-octa hydro-dimethano-naphthalene	0.13[5]	-	BIODG;INCIN(19)
☐ D013	Lindane	Isomer of Hexachlorobenzene	0.066[5]	-	CAREN;INCIN(26)
☐ D014	Methoxychlor	Methoxy DDT	0.18[5]	-	WETOX;INCIN(27)
☐ D015	Toxaphene	Toxaphene	2.6[5]	-	BIODG;INCIN(19)
☐ D016	2,4D	2,4Dichlorophen-oxyacetic Acid	10.0[5]	-	CHOXD;(28) BIODG;INCIN
☐ D017	2,4,5-TP (Silvex)	2,4,5-Trichlorophenoxy-propionic acid	7.9[5]	-	CHOXD;INCIN(1)
☐ D018	Benzene	Benzene	-	10	.14
☐ D019	Carbon tetrachloride	Carbon tetrachloride	-	6.0	.057
☐ D020	Chlordane	Octachloromethano-tetrahydroindane	-	.26	.0033
☐ D021	Chlorobenzene	Chlorobenzene	-	6.0	.057
☐ D022	Chloroform	Chloroform	-	6.0	.046
☐ D023	o-Cresol	o-Cresol	-	5.6	.11
☐ D024	m-Cresol	m-Cresol	-	5.6	.77
☐ D025	p-Cresol	p-Cresol	-	5.6	.77
☐ D026	Cresol	Total Cresols	-	11.2	.88
☐ D027	1,4-Dichlorobenzene	1,4-Dichlorobenzene	-	6.0	.090
☐ D028	1,2-Dichloroethane	1,2-Dichloroethane	-	6.0	.21
☐ D029	1,1-Dichloroethylene	1,2-Dichloroethylene	-	6.0	.025
☐ D030	2,4-Dinitrotoluene	2,4-Dinitrotoluene	-	140	.32
☐ D031	Heptachlor	Heptachlor	-	.066	.0012
☐ D031	Heptachlor Epoxide	Heptachlor Epoxide	-	.066	.016
☐ D032	Hexachlorobenzene	Hexachlorobenzene	-	10	.055
☐ D033	Hexachlorobutadiene	Hexachlorobutadien	-	5.6	.055
☐ D034	Hexachloroethane	Hexachloroethane	-	30	.055

EPA CODES	SUBCATEGORY or WATE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER TCLP (mg/L)[1]	WASTEWATER TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES (continued)					
☐ D035	Methyl ethyl ketone	Methyl ethyl ketone	-	36	.28
☐ D036	Nitrobenzene	Nitrobenzene	-	14	.068
☐ D037	Pentachlorophenol	Pentachlorophenol	-	7.4	.089
☐ D038	Pyridine	Pyridine	-	16	.014
☐ D039	Tetrachloroethylene	Perchloroethylene	-	6.0	.056
☐ D040	Trichloroethylene	Trichloroethylene	-	6.0	.054
☐ D041	2,4,5-TP	2,4,5-Trichlorophenol	-	7.4	.18
☐ D042	2,4,6-Trichlorophenol	2,4,6-Trichlorophenol	-	7.4	.035
☐ D043	Vinyl chloride	Vinyl chloride	-	6.0	.27
B. TREATMENT STANDARDS FOR "F"-LISTED WASTES					
F001 — Spent halogenated solvents used in degreasing[3]		☐ Carbon tetrachloride	6	-	0.057
		☐ Methylene chloride	30	-	0.089
		☐ Tetrachloroethylene	6	-	0.056
		☐ 1,1,1-Trichloroethane	6	-	0.054
		☐ Trichloroethylene	6	-	0.054
		☐ 1,1,2-Trichloro-1,2,2-tri-fluoroethane[7]	30	-	0.057
		☐ Trichloromonofluoro-methane	30	-	0.02
F002 — Spent halogenated solvents[3]		☐ Chlorobenzene	6	-	0.057
		☐ o-Dichlorobenzene	6	-	0.088
		☐ Methylene chloride	30	-	0.089
		☐ Methylene chloride (waste-water from the pharma-ceutical industry)	-	-	0.44
		☐ Tetrachloroethylene	6	-	0.056
		☐ 1,1,1-Trichloroethane	6	-	0.054
		☐ 1,1,2-Trichloroethane	6	-	0.054
		☐ Trichloroethylene	6	-	0.054
		☐ 1,1,2-Trichloro-1,2,2-tri-fluoroethane[7]	30	-	0.057
		☐ Trichloromonofluoro-methane	30	-	0.02
F003 — Spent non-halogenated solvents[3]		☐ Acetone	160	-	0.28
		☐ n-Butyl alcohol	5.6	-	2.6
		☐ Cyclohexanone[3]	-	-	0.36[3]
		☐ Ethyl acetate	33	-	0.34
		☐ Ethyl benzene	10	-	0.057
		☐ Ethyl ether	160	-	0.12
		☒ Methanol[8]	-	-	5.6[3]
		☐ Methyl isobutyl ketone	33	-	0.14
		☐ Xylenes (total)	30	-	0.32
F005 — Spent non-halogenated solvents[3]		☐ Benzene	10	-	.14
		☐ Carbon disulfide[3]	-	-	3.8
		☐ 2-Ethoxyethanol	INCIN(2)	-	BIODG;INCIN(19)
		☐ Isobutyl alcohol	170	-	5.6
		☐ Methyl ethyl ketone	36	-	0.28
		☐ 2-Nitropropane	INCIN(2)	-	WETOX; or CHOXD fb CARBN or INCIN
		☐ Pyridine	16	-	0.014
		☐ Toluene	10	-	0.08

* Attach D001-Doo2 Underlying Hazardous Constituent Form and Check Box for each Constituent present.

GENERATORS NOTIFICATION OF TREATMENT REQUIREMENTS FOR WASTES RESTRICTED FROM LAND DISPOSAL UNDER 40 CFR 268 SUBPART D

MANIFEST NUMBER: 04414 **EPA ID NUMBER:** VA0988 PI2684

EPA WASTE CODE: F005 F003 D001 **PROFILE NUMBER:** 412666

WASTE CATEGORY [Check appropriate line(s)]

☐ **Unrestricted Waste Notification**

The disposal of this waste is not restricted as specified in 40 CFR 268, subpart D and all prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

☑ **Restricted Waste Notification**

A ☐ This is a restricted waste which meets the treatment standards as specified in 40 CFR 268, Subpart D.

B ☑ This waste does not meet the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate standard and in such a manner which renders it non-liquid by chemical fixation or solidification prior to land disposal. [See treatment standard below or see attached Part II section(s).]

C ☐ This shipment includes RCRA Section 3004(d) California list wastes. Circle or otherwise indicate individual constituents likely to be present in the waste.

EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg)	NON-WASTEWATER TCLP (mg/l)	WASTEWATER TOTAL COMPOSITION (mg/l)
CALIFORNIA LISTED WASTE LAND DISPOSAL PROHIBITION LEVELS					
☐	Arsenic bearing liquid wastes	Arsenic (As)	500		
☐	Cadmium bearing liquid wastes	Cadmium (Cd)	100		
☐	Chromium bearing liquid waste	Chromium (Cr)	500		
☐	Lead bearing liquid wastes	Lead (Pb)	500		
☐	Nickel bearing liquid wastes	Nickel (Ni)	100		
☐	Mercury bearing liquid wastes	Mercury (Hg)	20		
☐	Selenium bearing liquid wastes	Selenium (Se)	100		
☐	Thallium bearing liquid wastes	Thallium (Tl)	130		
☐	PCB bearing liquid wastes	Polychlorinated Biphenyls	50		
☐	Cyanide bearing liquid wastes	Cyanide (Total)	1000		
☐	Liquid wastes with a pH ≤ 2.0		pH ≤ 2.0		
☐	HOC bearing liquid wastes	HOCs listed below	1000		

D ☐ This shipment includes hazardous debris. (Check certification B or C)

As required by 40 CFR 268.7(a)(2), the following certification is made for these restricted wastes: (Check One)

A ☐ I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

B ☑ I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards, specified in 40 CFR 268 subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method.

C ☐ This hazardous debris is subject to the alternate treatment standards of 40 CFR 268.45. The waste contains the following contaminants subject to treatment. (Check all that apply).

___ 268.45 (b) (1) - Toxicity characteristic debris

___ 268.45 (b) (2) - Debris contaminated with listed waste

___ 268.45 (b) (3) - Cyanide reactive debris

SIGNATURE Scott Van Allen TITLE WNSE MNGR

GENERATOR NAME/LOCATION: Daramic Technologies, 1975 Old Richmond Road, Danville, VA 24540

NOTE: PLEASE ATTACH WASTE ANALYSIS DATA. (OPTIONAL) DATE: 12/16/04

PROFILE NUMBER 412ble

THIS IS A NON-WASTEWATER UNLESS THIS BOX IS CHECKED ☐ INDICATING WASTEWATER.

EPA CODES	SUBCATEGORY or WATE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER: TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER: TCLP (mg/L)[1]	WASTEWATER: TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES					
☒ D001	Ignitable liquids, high-TOC non-wastewater subcategory		RORGS or COMBST	-	-
☐ D001	Ignitable liquids, low-TOC non-wastewater subcat (TOC<10%)		DEACT & UHC STANDARDS	-	DEACT (9) & UHC STANDARDS
☐ D001	Ignitable liquids, wastewater subcat (TOC <1% & TSS<1%)		DEACT (9)	-	DEACT (9)
☐ D002	Acid subcategory	pH<2.0	DEACT (9) & UHC STANDARDS *		DEACT(9) & UHC*
☐ D002	Alkaline subcategory	pH>12.5	DEACT (9) & UHC STANDARDS *		DEACT(9) & UHC*
☐ D002	Other subcategory		DEACT & UHC STANDARDS *		DEACT & UHC*
☐ D004	Arsenic	Arsenic	-	5.0[4]	5.0
☐ D005	Barium	Barium	-	100	100
☐ D006	Cadmium	Cadmium	-	1.0	1.0
☐ D006	Cadmium batteries subcategory	Cadmium	RTHRM (24)	-	-
☐ D007	Chromium	Chromium (Total)	-	5.0	5.0
☐ D008	Lead	Lead	-	5.0[4]	5.0
☐ D008	Lead acid batteries[2]		RLEAD (19)	-	-
☐ D009	Low-mercury subcategory (<260 mg/kg total mercury)	Mercury	-	0.2	-
☐ D009	High-mercury subcategory (>260 mg/kg total mercury)	Mercury	RMERC or IMERC(8)	-	-
☐ D010	Selenium	Selenium	-	5.7	1.0
☐ D011	Silver	Silver	-	5.0	5.0
☐ D012	Endrin	Hexachloroepoxy-octahydro-dimethano-naphthalene	0.13[5]	-	BIODG;INCIN(18)
☐ D013	Lindane	Isomer of Hexachlorobenzene	0.066[5]	-	CARBN;INCIN(28)
☐ D014	Methoxychlor	MethoxyDDT	0.18[5]	-	WETOX;INCIN(27)
☐ D015	Toxaphene	Toxaphene	2.6[5]	-	BIODG;INCIN(18)
☐ D016	2,4-D	2,4-Dichlorophenoxyacetic Acid	10.0[5]	-	CHOXD;(28) BIODG;INCIN
☐ D017	2,4,5-TP (Silvex)	2,4,5-Trichlorophenoxypropionic acid	7.9[5]	-	CHOXD;INCIN(1)
☐ D018	Benzene	Benzene	-	10	.14
☐ D019	Carbon tetrachloride	Carbon tetrachloride	-	6.0	.057
☐ D020	Chlordane	Octachloromethano-tetrahydroindane	-	.26	.0033
☐ D021	Chlorobenzene	Chlorobenzene	-	6.0	.057
☐ D022	Chloroform	Chloroform	-	6.0	.046
☐ D023	o-Cresol	o-Cresol	-	5.6	.11
☐ D024	m-Cresol	m-Cresol	-	5.6	.77
☐ D025	p-Cresol	p-Cresol	-	5.6	.77
☐ D026	Cresol	Total Cresols	-	11.2	.88
☐ D027	1,4-Dichlorobenzene	1,4-Dichlorobenzene	-	6.0	.090
☐ D028	1,2-Dichloroethane	1,2-Dichloroethane	-	6.0	.21
☐ D029	1,1-Dichloroethylene	1,2-Dichloroethylene	-	6.0	.025
☐ D030	2,4-Dinitrotoluene	2,4-Dinitrotoluene	-	140	.32
☐ D031	Heptachlor	Heptachlor	-	.066	.0012
☐ D031	Heptachlor Epoxide	Heptachlor Epoxide	-	.066	.016
☐ D032	Hexachlorobenzene	Hexachlorobenzene	-	10	.055
☐ D033	Hexachlorobutadiene	Hexachlorobutadien	-	5.6	.055
☐ D034	Hexachloroethane	Hexachloroethane	-	30	.055

EPA CODES	SUBCATEGORY or WATE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER: TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER: TCLP (mg/L)[1]	WASTEWATER: TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES (continued)					
☐ D035	Methyl ethyl ketone	Methyl ethyl ketone	-	36	.28
☐ D036	Nitrobenzene	Nitrobenzene	-	14	.068
☐ D037	Pentachlorophenol	Pentachlorophenol	-	7.4	.089
☐ D038	Pyridine	Pyridine	-	16	.014
☐ D039	Tetrachloroethylene	Perchloroethylene	-	6.0	.056
☐ D040	Trichloroethylene	Trichloroethylene	-	6.0	.054
☐ D041	2,4,5-TP	2,4,5-Trichlorophenol	-	7.4	.18
☐ D042	2,4,6-Trichlorophenol	2,4,6-Trichlorophenol	-	7.4	.035
☐ D043	Vinyl chloride	Vinyl chloride	-	6.0	.27
B. TREATMENT STANDARDS FOR "F"-LISTED WASTES					
F001 — Spent halogenated solvents used in degreasing[6]		☐ Carbon tetrachloride	6	-	0.057
		☐ Methylene chloride	30	-	0.089
		☐ Tetrachloroethylene	6	-	0.056
		☐ 1,1,1-Trichloroethane	6	-	0.054
		☐ Trichloroethylene	6	-	0.054
		☐ 1,1,2-Trichloro-1,2,2-trifluoroethane[7]	30	-	0.057
		☐ Trichloromonofluoromethane	30	-	0.02
F002 — Spent halogenated solvents[6]		☐ Chlorobenzene	6	-	0.057
		☐ o-Dichlorobenzene	6	-	0.088
		☐ Methylene chloride	30	-	0.089
		☐ Methylene chloride (wastewater from the pharmaceutical industry)	-	-	0.44
		☐ Tetrachloroethylene	6	-	0.056
		☐ 1,1,1-Trichloroethane	6	-	0.054
		☐ 1,1,2-Trichloroethane	6	-	0.054
		☐ Trichloroethylene	6	-	0.054
		☐ 1,1,2-Trichloro-1,2,2-trifluoroethane[7]	30	-	0.057
		☐ Trichloromonofluoromethane	30	-	0.02
F003 — Spent non-halogenated solvents[6]		☒ Acetone	160	-	0.28
		☐ n-Butyl alcohol	2.6	-	5.6
		☐ Cyclohexanone[7]	-	-	0.36[9]
		☐ Ethyl acetate	33	-	0.34
		☐ Ethyl benzene	10	-	0.057
		☐ Ethyl ether	160	-	0.12
		☐ Methanol[7]	-	-	5.6[9]
		☐ Methyl isobutyl ketone	33	-	0.14
		☒ Xylenes (total)	30	-	0.32
F005 — Spent non-halogenated solvents[6]		☐ Benzene	10	-	.14
		☐ Carbon disulfide[7]	-	-	3.8
		☐ 2-Ethoxyethanol	INCIN(2)	-	BIODG;INCIN(18)
		☐ Isobutyl alcohol	170	-	5.6
		☒ Methyl ethyl ketone	36	-	0.28
		☐ 2-Nitropropane	INCIN(2)	-	WETOX or CHOXD fb CARBN or INCIN
		☐ Pyridine	16	-	0.014
		☐ Toluene	10	-	0.08

* Attach D001-D002 Underlying Hazardous Constituent Form and Check Box for each Constituent present.

GENERATORS NOTIFICATION OF TREATMENT REQUIREMENTS FOR WASTES RESTRICTED FROM LAND DISPOSAL UNDER 40 CFR 268 SUBPART D

MANIFEST NUMBER: EPA ID NUMBER: VAD988170684

EPA WASTE CODE: D004 PROFILE NUMBER: 44954

WASTE CATEGORY [Check appropriate line(s)]

☐ **Unrestricted Waste Notification**

The disposal of this waste is not restricted as specified in 40 CFR 268, subpart D and all prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

☒ **Restricted Waste Notification**

A ☐ This is a restricted waste which meets the treatment standards as specified in 40 CFR 268, Subpart D.

B ☒ This waste does not meet the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate standard and in such a manner which renders it non-liquid by chemical fixation or solidification prior to land disposal. [See treatment standard below or see attached Part II section(s).]

C ☐ This shipment includes RCRA Section 3004(d) California list wastes. Circle or otherwise indicate individual constituents likely to be present in the waste.

	EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg)	NON-WASTEWATER TCLP (mg/L)	WASTEWATER TOTAL COMPOSITION (mg/L)
		CALIFORNIA LISTED WASTE LAND DISPOSAL PROHIBITION LEVELS				
☐		Arsenic bearing liquid wastes	Arsenic (As)	500		
☐		Cadmium bearing liquid wastes	Cadmium (Cd)	100		
☐		Chromium bearing liquid waste	Chromium (Cr)	500		
☐		Lead bearing liquid wastes	Lead (Pb)	500		
☐		Nickel bearing liquid wastes	Nickel (Ni)	100		
☐		Mercury bearing liquid wastes	Mercury (Hg)	20		
☐		Selenium bearing liquid wastes	Selenium (Se)	100		
☐		Thallium bearing liquid wastes	Thallium (Th)	130		
☐		PCB bearing liquid wastes	Polychlorinated Biphenyls	50		
☐		Cyanide bearing liquid wastes	Cyanide (Total)	1000		
☐		Liquid wastes with a pH ≤ 2.0		pH ≤ 2.0		
☐		HOC bearing liquid wastes	HOCs listed below	1000		

D ☐ This shipment includes hazardous debris. (Check certification B or C)

As required by 40 CFR 268.7(a)(2), the following certification is made for these restricted wastes: (Check One)

A ☐ I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

B ☒ I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards, specified in 40 CFR 268 subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method.

C ☐ This hazardous debris is subject to the alternate treatment standards of 40 CFR 268.45. The waste contains the following contaminants subject to treatment. (Check all that apply).

___ 268.45 (b) (1) - Toxicity characteristic debris

___ 268.45 (b) (2) - Debris contaminated with listed waste

___ 268.45 (b) (3) - Cyanide reactive debris

SIGNATURE [signature] TITLE HSE Manager

GENERATOR NAME/LOCATION: HICKSON DANCHEM
1975 OLD RICHMOND ROAD - DANVILLE VA, 24540

NOTE: PLEASE ATTACH WASTE ANALYSIS DATA. (OPTIONAL) DATE: 9/10/01

PROFILE NUMBER 44954

THIS IS A NON-WASTEWATER UNLESS THIS BOX IS CHECKED ☐ INDICATING WASTEWATER.

EPA CODES	SUBCATEGORY or WATE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER TCLP (mg/L)[1]	WASTEWATER TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES					
☐ D001	Ignitable liquids, High-TOC non-wastewater subcategory		RORS;or COMBST	-	-
☐ D001	Ignitable liquids, low-TOC non-wastewater subcat (TOC<10%)		DEACT & UHC STANDARDS	-	DEACT (8) & UHC STANDARDS
☐ D001	Ignitable liquids, wastewater subcat (TOC <1% & TSS<1%)		DEACT (8)	-	DEACT (8)
☐ D002	Acid subcategory	pH<2.0	DEACT (8) & UHC STANDARDS *		DEACT(8) & UHC*
☐ D002	Alkaline subcategory	pH>12.5	DEACT (8) & UHC STANDARDS *		DEACT(8) & UHC*
☐ D002	Other subcategory		DEACT & UHC STANDARDS *		DEACT & UHC*
☐ D004	Arsenic	Arsenic	-	5.0[4]	5.0*
☐ D005	Barium	Barium	-	100	100
☐ D006	Cadmium	Cadmium	-	1.0	1.0
☐ D006	Cadmium batteries subcategory	Cadmium	RTHRM (24)	-	-
☐ D007	Chromium	Chromium (Total)	-	5.0	5.0
☐ D008	Lead	Lead	-	5.0[4]	5.0
☐ D008	Lead acid batteries[6]		RLEAD (19)	-	-
☐ D009	Low-mercury subcategory (<260 mg/kg total mercury)	Mercury	-	0.2	-
☐ D009	High-mercury subcategory (>260 mg/kg total mercury)	Mercury	RMERC or IMERC(9)	-	-
☐ D010	Selenium	Selenium	-	5.7	1.0
☐ D011	Silver	Silver	-	5.0	5.0
☐ D012	Endrin	Hexachloroepoxy-octa hydro-dimethano-naphthalene/ Isomer of Hexachlorobenzene	0.13[5]	-	BIODG;INCIN(19)
☐ D013	Lindane		0.066[5]	-	CARBN;INCIN(20)
☐ D014	Methoxychlor	Methoxy/DDT	0.18[5]	-	WETOX;INCIN(27)
☐ D015	Toxaphene	Toxaphene	2.6[5]	-	BIODG;INCIN(19)
☐ D016	2,4D	2,4Dichlorophen-oxyacetic Acid	10.6[5]	-	CHOXD(28) BIODG;INCIN
☐ D017	2,4,5-TP (Silvex)	2,4,5-Trichlorophenoxy-propionic acid	7.9[5]	-	CHOXD;INCIN(1)
☐ D018	Benzene	Benzene	-	10	.14
☐ D019	Carbon tetrachloride	Carbon tetrachloride	-	6.0	.057
☐ D020	Chlordane	Octachloromethano-tetrahydroindene	-	.30	.0066
☐ D021	Chlorobenzene	Chlorobenzene	-	6.0	.057
☐ D022	Chloroform	Chloroform	-	6.0	.046
☐ D023	o-Cresol	o-Cresol	-	5.0	.11
☐ D024	m-Cresol	m-Cresol	-	5.0	.77
☐ D025	p-Cresol	p-Cresol	-	5.0	.77
☐ D026	Cresol	Total Cresols	-	11.2	.88
☐ D027	1,4-Dichlorobenzene	1,4-Dichlorobenzene	-	6.0	.090
☐ D028	1,2-Dichloroethane	1,2-Dichloroethane	-	6.0	.21
☐ D029	1,1-Dichloroethylene	1,2-Dichloroethylene	-	6.0	.025
☐ D030	2,4-Dinitrotoluene	2,4-Dinitrotoluene	-	140	.32
☐ D031	Heptachlor	Heptachlor	-	.008	.0012
☐ D031	Heptachlor Epoxide	Heptachlor Epoxide	-	.008	.016
☐ D032	Hexachlorobenzene	Hexachlorobenzene	-	10	.055
☐ D033	Hexachlorobutadiene	Hexachlorobutadien	-	5.6	.055
☐ D034	Hexachloroethane	Hexachloroethane	-	30	.055

EPA CODES	SUBCATEGORY or WATE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER TCLP (mg/L)[1]	WASTEWATER TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES (continued)					
☐ D035	Methyl ethyl ketone	Methyl ethyl ketone	-	36	.28
☐ D036	Nitrobenzene	Nitrobenzene	-	14	.068
☐ D037	Pentachlorophenol	Pentachlorophenol	-	7.4	.089
☐ D038	Pyridine	Pyridine	-	16	.014
☐ D039	Tetrachloroethylene	Perchloroethylene	-	6.0	.056
☐ D040	Trichloroethylene	Trichloroethylene	-	6.0	.054
☐ D041	2,4,5-TP	2,4,5-Trichlorophenol	-	7.4	.18
☐ D042	2,4,6-Trichlorophenol	2,4,6-Trichlorophenol	-	7.4	.035
☐ D043	Vinyl chloride	Vinyl chloride	-	6.0	.27
B. TREATMENT STANDARDS FOR "F"-LISTED WASTES					
F001 — Spent halogenated solvents used in degreasing[2]	☐ Carbon tetrachloride	6	-	0.057
	☐ Methylene chloride	30	-	0.089
	☐ Tetrachloroethylene	6	-	0.056
	☐ 1,1,1-Trichloroethane	6	-	0.054
	☐ Trichloroethylene	6	-	0.054
	☐ 1,1,2-Trichloro-1,2,2-tri-fluoroethane[7]	60	-	0.057
	☐ Trichloromonofluoro-methane	30	-	0.02
F002 — Spent halogenated solvents[2]	☐ Chlorobenzene	6	-	0.057
	☐ o-Dichlorobenzene	6	-	0.088
	☐ Methylene chloride	30	-	0.089
	☐ Methylene chloride (waste-water from the pharma-ceutical industry)	-	-	0.44
	☐ Tetrachloroethylene	6	-	0.088
	☐ 1,1,1-Trichloroethane	6	-	0.054
	☐ 1,1,2-Trichloroethane	6	-	0.054
	☐ Trichloroethylene	6	-	0.054
	☐ 1,1,2-Trichloro-1,2,2-tri-fluoroethane[7]	60	-	0.057
	☐ Trichloromonofluoro-methane	30	-	0.02
F003 — Spent non-halogenated solvents[2]	☐ Acetone	160	-	0.28
	☐ n-Butyl alcohol	5.6	-	2.8
	☐ Cyclohexanone[8]	-	-	0.36[3]
	☐ Ethyl acetate	33	-	0.34
	☐ Ethyl benzene	10	-	0.057
	☐ Ethyl ether	160	-	0.12
	☐ Methanol[9]	-	-	5.6[3]
	☐ Methyl isobutyl ketone	33	-	0.14
	☐ Xylenes (total)	30	-	0.32
F005 — Spent non-halogenated solvents[2]	☐ Benzene	10	-	.14
	☐ Carbon disulfide[8]	-	-	3.8
	☐ 2-Ethoxyethanol	INCIN(2)	-	BIODG;INCIN(19)
	☐ Isobutyl alcohol	170	-	5.6
	☐ Methyl ethyl ketone	36	-	0.28
	☐ 2-Nitropropane	INCIN(2)	-	WETOX; or CHOYD fb CARBN or INCIN
	☐ Pyridine	16	-	0.014
	☐ Toluene	10	-	0.08

* Attach D001-Dos2 Underlying Hazardous Constituent Form and Check Box for each Constituent present.

GENERATORS NOTIFICATION OF TREATMENT REQUIREMENTS FOR WASTES RESTRICTED FROM LAND DISPOSAL UNDER 40 CFR 268 SUBPART D

MANIFEST NUMBER: EPA ID NUMBER: VAD988170684

EPA WASTE CODE: F003, D001 PROFILE NUMBER: 46379

WASTE CATEGORY [Check appropriate line(s)]

☐ **Unrestricted Waste Notification**

The disposal of this waste is not restricted as specified in 40 CFR 268, subpart D and all prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

☒ **Restricted Waste Notification**

A ☐ This is a restricted waste which meets the treatment standards as specified in 40 CFR 268, Subpart D.

B ☒ This waste does not meet the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate standard and in such a manner which renders it non-liquid by chemical fixation or solidification prior to land disposal. [See treatment standard below or see attached Part II section(s).]

C ☐ This shipment includes RCRA Section 3004(d) California list wastes. Circle or otherwise indicate individual constituents likely to be present in the waste.

	EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg)	NON-WASTEWATER TCLP (mg/L)	WASTEWATER TOTAL COMPOSITION (mg/L)
		CALIFORNIA LISTED WASTE LAND DISPOSAL PROHIBITION LEVELS				
☐		Arsenic bearing liquid wastes	Arsenic (As)	500		
☐		Cadmium bearing liquid wastes	Cadmium (Cd)	100		
☐		Chromium bearing liquid waste	Chromium (Cr)	500		
☐		Lead bearing liquid wastes	Lead (Pb)	500		
☐		Nickel bearing liquid wastes	Nickel (Ni)	100		
☐		Mercury bearing liquid wastes	Mercury (Hg)	20		
☐		Selenium bearing liquid wastes	Selenium (Se)	100		
☐		Thallium bearing liquid wastes	Thallium (Tl)	130		
☐		PCB bearing liquid wastes	Polychlorinated Biphenyls	50		
☐		Cyanide bearing liquid wastes	Cyanide (Total)	1000		
☐		Liquid wastes with a pH ≤ 2.0		pH ≤ 2.0		
☐		HOC bearing liquid wastes	HOCs listed below	1000		

D ☐ This shipment includes hazardous debris. (Check certification B or C)

As required by 40 CFR 268.7(a)(2), the following certification is made for these restricted wastes: (Check One)

A ☐ I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

B ☒ I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards, specified in 40 CFR 268 subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method.

C ☐ This hazardous debris is subject to the alternate treatment standards of 40 CFR 268.45. The waste contains the following contaminants subject to treatment. (Check all that apply).

___ 268.45 (b) (1) - Toxicity characteristic debris

___ 268.45 (b) (2) - Debris contaminated with listed waste

___ 268.45 (b) (3) - Cyanide reactive debris

SIGNATURE _____ TITLE EHS Manager

GENERATOR NAME/LOCATION: **HICKSON DANCHEM**
1975 OLD RICHMOND ROAD - DANVILLE VA, 24540

NOTE: PLEASE ATTACH WASTE ANALYSIS DATA. (OPTIONAL) DATE: 12/18/01

PROFILE NUMBER 46379

THIS IS A NON-WASTEWATER UNLESS THIS BOX IS CHECKED ☐ INDICATING WASTEWATER.

EPA CODES	SUBCATEGORY or WATE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[3]	NON-WASTEWATER TCLP (mg/L)[4]	WASTEWATER TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES					
☐ D001	Ignitable liquids, High-TOC non-wastewater subcategory		RORGpr COMBST	-	-
☐ D001	Ignitable liquids, low-TOC non-wastewater subcat (TOC<10%)		DEACT & UHC STANDARDS	-	DEACT (9) & UHC STANDARDS
☐ D001	Ignitable liquids, wastewater subcat (TOC <1% & TSS<1%)		DEACT (9)	-	DEACT (9)
☐ D002	Acid subcategory	pH<2.0	DEACT (9) & UHC STANDARDS *		DEACT(9) & UHC*
☐ D002	Alkaline subcategory	pH>12.5	DEACT (9) & UHC STANDARDS *		DEACT(9) & UHC*
☐ D002	Other subcategory		DEACT & UHC STANDARDS *		DEACT & UHC*
☐ D004	Arsenic	Arsenic	-	5.0[5]	5.0
☐ D005	Barium	Barium	-	100	100
☐ D006	Cadmium	Cadmium	-	1.0	1.0
☐ D006	Cadmium batteries subcategory	Cadmium	RTHRM (24)	-	-
☐ D007	Chromium	Chromium (Total)	-	5.0	5.0
☐ D008	Lead	Lead	-	5.0[5]	5.0
☐ D008	Lead acid batteries[6]		RLEAD (18)	-	-
☐ D009	Low-mercury subcategory (<260 mg/kg total mercury)	Mercury	-	0.2	-
☐ D009	High-mercury subcategory (>260 mg/kg total mercury)	Mercury	RMERO or RMERC(9)	-	-
☐ D010	Selenium	Selenium	-	5.7	1.0
☐ D011	Silver	Silver	-	5.0	5.0
☐ D012	Endrin	Hexachlorooxepay-oxo hydro-dimethano-naphthalene Isomer of Hexachlorobenzene	0.13[5]	-	BIODG;INCIN(19)
☐ D013	Lindane		0.066[5]	-	CARBN;INCIN(28)
☐ D014	Methoxychlor	MethoxyDDT	0.18[5]	-	WETOX;INCIN(27)
☐ D015	Toxaphene	Toxaphene	2.6[5]	-	BIODG;INCIN(19)
☐ D016	2,4D	2,4Dichlorophen-oxyacetic Acid	10.0[5]	-	CHOXD(28) BIODG;INCIN
☐ D017	2,4,5-TP (Silvex)	2,4,5-Trichlorophenoxy-propionic acid	7.9[5]	-	CHOXD;INCIN(1)
☐ D018	Benzene	Benzene	-	10	14
☐ D019	Carbon tetrachloride	Carbon tetrachloride	-	6.0	057
☐ D020	Chlordane	Octachloromethano-tetrahydroindene	-	.30	.0033
☐ D021	Chlorobenzene	Chlorobenzene	-	6.0	.057
☐ D022	Chloroform	Chloroform	-	6.0	.046
☐ D023	o-Cresol	o-Cresol	-	5.6	.11
☐ D024	m-Cresol	m-Cresol	-	5.6	.77
☐ D025	p-Cresol	p-Cresol	-	5.6	.77
☐ D026	Cresol	Total Cresols	-	11.2	.88
☐ D027	1,4-Dichlorobenzene	1,4-Dichlorobenzene	-	6.0	.090
☐ D028	1,2-Dichloroethane	1,2-Dichloroethane	-	6.0	.21
☐ D029	1,1-Dichloroethylene	1,2-Dichloroethylene	-	6.0	.025
☐ D030	2,4-Dinitrotoluene	2,4-Dinitrotoluene	-	140	.32
☐ D031	Heptachlor	Heptachlor	-	.008	.0012
☐ D031	Heptachlor Epoxide	Heptachlor Epoxide	-	.008	.016
☐ D032	Hexachlorobenzene	Hexachlorobenzene	-	10	.055
☐ D033	Hexachlorobutadiene	Hexachlorobutadien	-	5.6	.055
☐ D034	Hexachloroethane	Hexachloroethane	-	30	.055

EPA CODES	SUBCATEGORY or WATE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[3]	NON-WASTEWATER TCLP (mg/L)[4]	WASTEWATER TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES (continued)					
☐ D035	Methyl ethyl ketone	Methyl ethyl ketone	-	36	.28
☐ D036	Nitrobenzene	Nitrobenzene	-	14	.068
☐ D037	Pentachlorophenol	Pentachlorophenol	-	7.4	.089
☐ D038	Pyridine	Pyridine	-	16	.014
☐ D039	Tetrachloroethylene	Perchloroethylene	-	6.0	.056
☐ D040	Trichloroethylene	Trichloroethylene	-	6.0	.054
☐ D041	2,4,5-TP	2,4,5-Trichlorophenol	-	7.4	.18
☐ D042	2,4,6-Trichlorophenol	2,4,6-Trichlorophenol	-	7.4	.035
☐ D043	Vinyl chloride	Vinyl chloride	-	6.0	.27
B. TREATMENT STANDARDS FOR "F"-LISTED WASTES					
F001 — Spent halogenated solvents used in degreasing[8]	☐ Carbon tetrachloride		6	-	0.057
	☐ Methylene chloride		30	-	0.089
	☐ Tetrachloroethylene		6	-	0.056
	☐ 1,1,1-Trichloroethane		6	-	0.054
	☐ Trichloroethylene		6	-	0.054
	☐ 1,1,2-Trichloro-1,2,2-tri-fluoroethane[7]		30	-	0.057
	☐ Trichloromonofluoro-methane		30	-	0.02
F002 — Spent halogenated solvents[8]	☐ Chlorobenzene		6	-	0.057
	☐ o-Dichlorobenzene		6	-	0.088
	☐ Methylene chloride		30	-	0.089
	☐ Methylene chloride (wastewater from the pharmaceutical industry)		-	-	0.44
	☐ Tetrachloroethylene		6	-	0.056
	☐ 1,1,1-Trichloroethane		6	-	0.054
	☐ 1,1,2-Trichloroethane		6	-	0.054
	☐ Trichloroethylene		6	-	0.054
	☐ 1,1,2-Trichloro-1,2,2-tri-fluoroethane[7]		30	-	0.057
	☐ Trichloromonofluoro-methane		30	-	0.02
F003 — Spent non-halogenated solvents[8]	☐ Acetone		160	-	0.28
	☐ n-Butyl alcohol		5.6	-	2.6
	☐ Cyclohexanone[9]		-	-	0.36[9]
	☐ Ethyl acetate		33	-	0.34
	☐ Ethyl benzene		10	-	0.057
	☐ Ethyl ether		160	-	0.12
	☐ Methanol[9]		-	-	5.6[9]
	☐ Methyl isobutyl ketone		33	-	0.14
	☐ Xylenes (total)		30	-	0.32
F005 — Spent non-halogenated solvents[8]	☐ Benzene		10	-	.14
	☐ Carbon disulfide[9]		-	-	3.8
	☐ 2-Ethoxyethanol		INCIN(2)	-	BIODG;INCIN(19)
	☐ Isobutyl alcohol		170	-	5.6
	☐ Methyl ethyl ketone		36	-	0.28
	☐ 2-Nitropropane		INCIN(2)	-	WETOX or CHOXD fb CARBN or INCIN
	☐ Pyridine		16	-	0.014
	☐ Toluene		10	-	0.08

* Attach D001-Dox2 Underlying Hazardous Constituent Form and Check Box for each Constituent present.

GENERATORS NOTIFICATION OF TREATMENT REQUIREMENTS FOR WASTES RESTRICTED FROM LAND DISPOSAL UNDER 40 CFR 268 SUBPART D

MANIFEST NUMBER: EPA ID NUMBER: VAD988170684

EPA WASTE CODE: D004 PROFILE NUMBER: 46850

WASTE CATEGORY [Check appropriate line(s)]

☐ **Unrestricted Waste Notification**

The disposal of this waste is not restricted as specified in 40 CFR 268, subpart D and all prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

☒ **Restricted Waste Notification**

A ☐ This is a restricted waste which meets the treatment standards as specified in 40 CFR 268, Subpart D.

B ☒ This waste doses not meet the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate standard and in such a manner which renders it non-liquid by chemical fixation or solidification prior to land disposal. [See treatment standard below or see attached Part II section(s).]

C ☐ This shipment includes RCRA Section 3004(d) California list wastes. Circle or otherwise indicate individual constituents likely to be present in the waste.

			NON-WASTEWATER		WASTEWATER
EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	TOTAL COMPOSITION (mg/kg)	TCLP (mg/L)	TOTAL COMPOSITION (mg/L)
CALIFORNIA LISTED WASTE LAND DISPOSAL PROHIBITION LEVELS					
☐	Arsenic bearing liquid wastes	Arsenic (As)	500		
☐	Cadmium bearing liquid wastes	Cadmium (Cd)	100		
☐	Chromium bearing liquid wastes	Chromium (Cr)	500		
☐	Lead bearing liquid wastes	Lead (Pb)	500		
☐	Nickel bearing liquid wastes	Nickel (Ni)	100		
☐	Mercury bearing liquid wastes	Mercury (Hg)	20		
☐	Selenium bearing liquid wastes	Selenium (Se)	100		
☐	Thallium bearing liquid wastes	Thallium (Th)	130		
☐	PCB bearing liquid wastes	Polychlorinated Biphenyls	50		
☐	Cyanide bearing liquid wastes	Cyanide (Total)	1000		
☐	Liquid wastes with a pH < 2.0		pH < 2.0		
☐	HOC bearing liquid wastes	HOCs listed below	1000		

D ☐ This shipment includes hazardous debris. (Check certification B or C)

As required by 40 CFR 268.7(a)(2), the following certification is made for these restricted wastes: (Check One)

A ☐ I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

B ☒ I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards, specified in 40 CFR 268 subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method

C ☐ This hazardous debris is subject to the alternate treatment standards of 40 CFR 268.45. The waste contains the following contaminants subject to treatment. (Check all that apply).

__ 268.45 (b) (1) - Toxicity Characteristic debris
__ 268.45 (b) (2) - Debris contaminated with listed waste
__ 268.45 (b) (3) - Cyanide reactive debris

SIGNATURE _____ TITLE Sctr Safety Coordinator

GENERATOR NAME/LOCATION:

Danchem Technologies Inc 1975 Old Richmond RD. **Danville, VA** **24540**

NOTE: Please Attach Waste Analysis Date. (OPTIONAL) DATE: 3/29/06

PROFILE NUMBER 46850

THIS IS A NON-WASTEWATER UNLESS THIS BOX IS CHECKED ☐ INDICATING WASTEWATER.

EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER TCLP (mg/L) [1]	WASTEWATER TOTAL COMPOSITION (mg/L) (method) [1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES					
☐ D001	Ignitable liquids, high-TOC non-wastewater subcategory		RORG;or COMBST	-	-
☐ D001	Ignitable liquids, low-TOC non-wastewater subcat (TOC<10%)		DEACT & UHC STANDARDS	-	DEACT (6) & UHC STANDARDS
☐ D001	Ignitable liquids, wastewater subcat (TOC <1% & TSS<1%)		DEACT (6)	-	
☐ D002	Acid subcategory	pH<2.0	DEACT (6) & UHC STANDARDS[2]		DEACT (6) & UHC[2]
☐ D002	Alkaline subcategory	pH>12.5	DEACT (6) & UHC STANDARDS[2]		DEACT (6) & UHC[2]
☐ D002	Other subcategory		DEACT & UHC STANDARDS[2]		DEACT & UHC[2]
☒ D004	Arsenic	Arsenic	-	5.0 [4]	5.0
☐ D005	Barium	Barium	-	100	100
☐ D006	Cadmium	Cadmium	-	1.0	1.0
☐ D006	Cadmium batteries subcategor	Cadmium	RTHRM (24)	-	-
☐ D007	Chromium	Chromium (Total)	-	5.0	5.0
☐ D008	Lead	Lead	-	5.0 [4]	5.0
☐ D008	Lead acid batteries[8]		RLEAD (13)	-	-
☐ D009	Low-mercury subcategory (<260 mg/kg total mercury)	Mercury	-	0.2	-
☐ D009	High-mercury subcategory (>260 mg/kg total mercury)	Mercury	RMERC or IMERC (9)	-	-
☐ D010	Selenium	Selenium	-	5.7	1.0
☐ D011	Silver	Silver	-	5.0	5.0
☐ D012	Endrin	Hexachloroepoxy-octo hydro-dimethano-naphthalene	0.13 [6]	-	BIODG;INCIN(19)
☐ D013	Lindane	isomer of Hexachlorobenzene	0.066 [6]	-	CARBN;INCIN(26)
☐ D014	Methoxychlor	MethoxyDDT	0.18 [6]	-	WETOX;INCIN(27)
☐ D015	Toxaphene	Toxaphene	2.6 [6]	-	BIODG;INCIN(19)
☐ D016	2,4 D	2,4Dichlorophen-oxyacetic Acid	10.0 [6]	-	CHOXD;(28) DIODG;INCIN
☐ D017	2,4,5-TP (Silvex)	2,4,5-Trichlorophenoxy-propionic acid	7.9 [6]	-	CHOXD;INCIN(1)
☐ D018	Benzene	Benzene	-	10	0.14
☐ D019	Carbon Tetrachloride	Carbon tetrachloride	-	6.0	0.057
☐ D020	Chlordane	Octochloromethano-tetrahydroindene	-	0.26	0.0033
☐ D021	Chlorobenzene	Chlorobenzene	-	6.0	0.057
☐ D022	Chloroform	Chloroform	-	6.0	0.46
☐ D023	o-Cresol	o-Cresol	-	5.6	0.11
☐ D024	m-Cresol	m-Cresol	-	5.6	0.77
☐ D025	p-Cresol	p-Cresol	-	5.6	0.77
☐ D026	Cresol	Total Cresols	-	11.2	0.88
☐ D027	1,4-Dichlorobenzene	1,4-Dichlorobenzene	-	6.0	0.09
☐ D028	1,2-Dichloroethane	1,2-Dichloroethane	-	6.0	0.21
☐ D029	1,1-Dichloroethylene	1,2-Dichloroethylene	-	6.0	0.025
☐ D030	2,4-Dinitrotoluene	2,4-Dinitrotoluene	-	140	0.32
☐ D031	Heptachlor	Heptachlor	-	0.066	0.0012
☐ D031	Heptachlor Epoxide	Heptachlor Epoxide	-	0.066	0.016
☐ D032	Hexachlorobenzene	Hexachlorobenzene	-	10	0.055
☐ D033	Hexachlorobutadiene	Hexachlorobutadien	-	5.6	0.055
☐ D034	Hexachloroethane	Hexachloroethane	-	30	0.055

EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER TCLP (mg/L) [1]	WASTEWATER TOTAL COMPOSITION (mg/L) (method) [1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES (continued)					
☐ D035	Methyl ethyl ketone	Methyl ethyl ketone	-	36	0.28
☐ D036	Nitrobenzene	Nitrobenzene	-	14	0.068
☐ D037	Pentachlorophenol	Pentachlorophenol	-	7.4	0.089
☐ D038	Pyridine	Pyridine	-	16	0.014
☐ D039	Tetrachloroethylene	Perchloroethylene	-	6.0	0.056
☐ D040	Trichloroethylene	Trichloroethylene	-	6.0	0.054
☐ D041	2,4,5-TP	2,4,5-Trichlorophenol	-	7.4	0.18
☐ D042	2,4,6-Trichlorophenol	2,4,6-Trichlorophenol	-	7.4	0.035
☐ D043	Vinyl chloride	Vinyl chloride	-	6.0	0.27
B. TREATMENT STANDARDS FOR "F" -LISTED WASTES					
F001 - Spent halogenated solvents used in degreasing	☐	Carbon Tetrachloride	6	-	0.057
	☐	Methylene chloride	30	-	0.089
	☐	Tetrachloroethylene	6	-	0.056
	☐	1,1,1-Trichloroethane	6	-	0.054
	☐	Trichloroethylene	6	-	0.054
	☐	1,1,2-Trichloro-1,2,2-fluoroethane[7]	30	-	0.057
	☐	Trichloromonofluoro-methane	30	-	0.02
F002 - Spent halogenated solvents[5]	☐	Chlorobenzene	6	-	0.057
	☐	o-Dichlorobenzene	6	-	0.088
	☐	Methylene chloride	30	-	0.089
	☐	Methylene chloride (w water from the pharm ceutical industry)	-	-	0.44
	☐	Tetrachloroethylene	6	-	0.056
	☐	1,1,1-Trichloroethane	6	-	0.054
	☐	1,1,2-Trichloroethane	6	-	0.054
	☐	Trichloroethylene	6	-	0.054
	☐	1,1,2-Trichloro-1,2,2-fluoroethane[7]	30	-	0.057
	☐	Trichloromonofluoro-methane	33	-	0.02
F003 - Spent non-halogenated solvents[5]	☐	Acetone	160	-	0.28
	☐	n-Butyl Alcohol	5.6	-	2.6
	☐	Cyclohexanone[5]	-	-	0.36 [3]
	☐	Ethyl acetate	33	-	0.34
	☐	Ethyl benzene	10	-	0.057
	☐	Ethyl ether	160	-	0.12
	☐	Methanol[5]	-	-	5.6 [3]
	☐	Methyl isobutyl ketone	33	-	0.14
	☐	Xylenes (total)	30	-	0.32
F005 - Spent non-halogenated solvents[5]	☐	Benzene	10	-	0.14
	☐	Carbon disulfide[5]	-	-	3.8
	☐	2-Ethoxyethenol	INCIN(2)	-	BIODG;INCIN(19)
	☐	Isobutyl alcohol	170	-	5.6
	☐	Methyl ethyl ketone	36	-	0.28
	☐	2-Nitropropane	INCIN(2)	-	WETOX; or CHOYD fb CARBN or INCIN
	☐	Pyridine	16	-	0.014
	☐	Toluene	10	-	0.08

Attach D001-D002 Underlying Hazardous Constituent Form and Check Box for each Constituent present

GENERATORS NOTIFICATION OF TREATMENT REQUIREMENTS FOR WASTES RESTRICTED FROM LAND DISPOSAL UNDER 40 CFR 268 SUBPART D

MANIFEST NUMBER: 04144 EPA ID NUMBER: VAD988170684

EPA WASTE CODE: 4005 4003D001 PROFILE NUMBER: 47213

WASTE CATEGORY [Check appropriate line(s)]

☐ **Unrestricted Waste Notification**

The disposal of this waste is not restricted as specified in 40 CFR 268, subpart D and all prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

☑ **Restricted Waste Notification**

A ☐ This is a restricted waste which meets the treatment standards as specified in 40 CFR 268, Subpart D.

B ☑ This waste does not meet the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate standard and in such a manner which renders it non-liquid by chemical fixation or solidification prior to land disposal. [See treatment standard below or see attached Part II section(s).]

C ☐ This shipment includes RCRA Section 3004(d) California list wastes. Circle or otherwise indicate individual constituents likely to be present in the waste.

			NON-WASTEWATER		WASTEWATER
EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	TOTAL COMPOSITION (mg/kg)	TCLP (mg/L)	TOTAL COMPOSITION (mg/L)
CALIFORNIA LISTED WASTE LAND DISPOSAL PROHIBITION LEVELS					
☐	Arsenic bearing liquid wastes	Arsenic (As)	500		
☐	Cadmium bearing liquid wastes	Cadmium (Cd)	100		
☐	Chromium bearing liquid waste	Chromium (Cr)	500		
☐	Lead bearing liquid wastes	Lead (Pb)	500		
☐	Nickel bearing liquid wastes	Nickel (Ni)	100		
☐	Mercury bearing liquid wastes	Mercury (Hg)	20		
☐	Selenium bearing liquid wastes	Selenium (Se)	100		
☐	Thallium bearing liquid wastes	Thallium (Tl)	130		
☐	PCB bearing liquid wastes	Polychlorinated Biphenyls	50		
☐	Cyanide bearing liquid wastes	Cyanide (Total)	1000		
☐	Liquid wastes with a pH ≤ 2.0		pH ≤ 2.0		
☐	HOC bearing liquid wastes	HOCs listed below	1000		

D ☐ This shipment includes hazardous debris. (Check certification B or C)

As required by 40 CFR 268.7(a)(2), the following certification is made for these restricted wastes: (Check One)

A ☐ I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

B ☑ I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards, specified in 40 CFR 268 subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method.

C ☐ This hazardous debris is subject to the alternate treatment standards of 40 CFR 268.45. The waste contains the following contaminants subject to treatment. (Check all that apply).

___ 268.45 (b) (1) - Toxicity characteristic debris

___ 268.45 (b) (2) - Debris contaminated with listed waste

___ 268.45 (b) (3) - Cyanide reactive debris

SIGNATURE Scott Van Allen TITLE WMSE MNGR

GENERATOR NAME/LOCATION: Danaher Technologies 1975 Old Richmond Road Danville, VA 24540

NOTE: PLEASE ATTACH WASTE ANALYSIS DATA. (OPTIONAL) DATE: 12/16/04

PROFILE NUMBER 472213

THIS IS A NON-WASTEWATER UNLESS THIS BOX IS CHECKED ☐ INDICATING WASTEWATER.

EPA CODES	SUBCATEGORY or WATE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER TCLP (mg/L)[1]	WASTEWATER TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES					
☒ D001	Ignitable liquids, High-TOC non-wastewater subcategory		RORGor COMBST	-	-
☐ D001	Ignitable liquids, low-TOC non-wastewater subcat (TOC<10%)		DEACT & U/H/C STANDARDS	-	DEACT (9) & U/H/C STANDARDS
☐ D001	Ignitable liquids, wastewater subcat (TOC <1% & TSS<1%)		DEACT (9)	-	DEACT (9)
☐ D002	Acid subcategory	pH<2.0	DEACT (9) & U/H/C STANDARDS [4]		DEACT(9) & U/H/C[4]
☐ D002	Alkaline subcategory	pH>12.5	DEACT (9) & U/H/C STANDARDS [4]		DEACT(9) & U/H/C[4]
☐ D002	Other subcategory		DEACT & U/H/C STANDARDS [4]		DEACT & U/H/C[4]
☐ D004	Arsenic	Arsenic	-	5.0[6]	5.0
☐ D005	Barium	Barium	-	100	100
☐ D006	Cadmium	Cadmium	-	1.0	1.0
☐ D006	Cadmium batteries subcategory	Cadmium	RTHRM (34)	-	-
☐ D007	Chromium	Chromium (Total)	-	5.0	5.0
☐ D008	Lead	Lead	-	5.0[6]	5.0
☐ D008	Lead acid batteries[8]		RLEAD (13)	-	-
☐ D009	Low-mercury subcategory (<260 mg/kg total mercury)	Mercury	-	0.2	-
☐ D009	High-mercury subcategory (>260 mg/kg total mercury)	Mercury	RMERC or IMERC(16)	-	-
☐ D010	Selenium	Selenium	-	5.7	1.0
☐ D011	Silver	Silver	-	5.0	5.0
☐ D012	Endrin	Hexachlorooxepay-octa hydro-dimethano-naphthalene	0.13[6]	-	BIODG;INCIN(19)
☐ D013	Lindane	isomer of Hexachlorobenzene	0.066[6]	-	CARBN;INCIN(26)
☐ D014	Methoxychlor	Methoxy/DDT	0.18[6]	-	WETOX;INCIN(27)
☐ D015	Toxaphene	Toxaphene	2.6[6]	-	BIODG;INCIN(19)
☐ D016	2,4D	2,4Dichlorophen-oxyacetic Acid	10.0[6]	-	CHOXD;(26) BIODG;INCIN
☐ D017	2,4,5-TP (Silvex)	2,4,5-Trichlorophenoxy-propionic acid	7.9[6]	-	CHOXD;INCIN(1)
☐ D018	Benzene	Benzene	-	10	- 14
☐ D019	Carbon tetrachloride	Carbon tetrachloride	-	6.0	- .057
☐ D020	Chlordane	Octachlorocamphano-tetrahydroindane	-	.26	.0003
☐ D021	Chlorobenzene	Chlorobenzene	-	6.0	.057
☐ D022	Chloroform	Chloroform	-	6.0	.046
☐ D023	o-Cresol	o-Cresol	-	5.8	.11
☐ D024	m-Cresol	m-Cresol	-	5.8	.77
☐ D025	p-Cresol	p-Cresol	-	5.8	.77
☐ D026	Cresol	Total Cresols	-	11.2	.88
☐ D027	1,4-Dichlorobenzene	1,4-Dichlorobenzene	-	6.0	.090
☐ D028	1,2-Dichloroethane	1,2-Dichloroethane	-	6.0	.21
☐ D029	1,1-Dichloroethylene	1,2-Dichlpoeethylene	-	6.0	.025
☐ D030	2,4-Dinitrotoluene	2,4-Dinitrotoluene	-	140	.32
☐ D031	Heptachlor	Heptachlor	-	.066	.0012
☐ D031	Heptachlor Epoxide	Heptachlor Epoxide	-	.066	.016
☐ D032	Hexachlorobenzene	Hexachlorobenzene	-	10	.055
☐ D033	Hexachlorobutadiene	Hexachlorobutadiene	-	5.6	.055
☐ D034	Hexachloroethane	Hexachloroethane	-	30	.055

EPA CODES	SUBCATEGORY or WATE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER TCLP (mg/L)[1]	WASTEWATER TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES (continued)					
☐ D035	Methyl ethyl ketone	Methyl ethyl ketone	-	36	.36
☐ D036	Nitrobenzene	Nitrobenzene	-	14	.068
☐ D037	Pentachlorophenol	Pentachlorophenol	-	7.4	.089
☐ D038	Pyridine	Pyridine	-	16	.014
☐ D039	Tetrachloroethylene	Perchloroethylene	-	6.0	.056
☐ D040	Trichloroethylene	Trichloroethylene	-	6.0	.054
☐ D041	2,4,5-TP	2,4,5-Trichlorophenol	-	7.4	.18
☐ D042	2,4,6-Trichlorophenol	2,4,6-Trichlorophenol	-	7.4	.035
☐ D043	Vinyl chloride	Vinyl chloride	-	6.0	.27
B. TREATMENT STANDARDS FOR "F"-LISTED WASTES					
F001 — Spent halogenated solvents used in degreasing[5]	☐ Carbon tetrachloride		6	-	0.057
	☐ Methylene chloride		30	-	0.089
	☐ Tetrachloroethylene		6	-	0.056
	☐ 1,1,1-Trichloroethane		6	-	0.054
	☐ Trichloroethylene		6	-	0.054
	☐ 1,1,2-Trichloro-1,2,2-trifluoroethane[7]		30	-	0.057
	☐ Trichloromonofluoro-methane		30	-	0.02
F002 — Spent halogenated solvents[5]	☐ Chlorobenzene		6	-	0.057
	☐ o-Dichlorobenzene		6	-	0.088
	☐ Methylene chloride		30	-	0.089
	☐ Methylene chloride (wastewater from the pharmaceutical industry)		-	-	0.44
	☐ Tetrachloroethylene		6	-	0.056
	☐ 1,1,1-Trichloroethane		6	-	0.054
	☐ 1,1,2-Trichloroethane		6	-	0.054
	☐ Trichloroethylene		6	-	0.054
	☐ 1,1,2-Trichloro-1,2,2-trifluoroethane[7]		30	-	0.057
	☐ Trichloromonofluoro-methane		30	-	0.02
F003 — Spent non-halogenated solvents[5]	☐ Acetone		160	-	0.28
	☐ n-Butyl alcohol		5.6	-	2.6
	☐ Cyclohexanone[3]		-	-	0.36[3]
	☐ Ethyl acetate		33	-	0.34
	☐ Ethyl benzene		10	-	0.057
	☐ Ethyl ether		160	-	0.12
	☐ Methanol[3]		-	-	5.6[3]
	☐ Methyl isobutyl ketone		33	-	0.14
	☐ Xylenes (total)		30	-	0.32
F005 — Spent non-halogenated solvents[5]	☐ Benzene		10	-	.14
	☐ Carbon disulfide[3]		-	-	3.8
	☐ 2-Ethoxyethanol		INCIN(2)	-	BIODG;INCIN(19)
	☐ Isobutyl alcohol		170	-	5.6
	☐ Methyl ethyl ketone		36	-	0.28
	☐ 2-Nitropropane		INCIN(2)	-	WETOX; or CHOYD fo CARBN or INCIN
	☐ Pyridine		16	-	0.014
	☐ Toluene		10	-	0.08

* Attach D001-D043 Underlying Hazardous Constituent Form and Check Box for each Constituent present.

GENERATORS NOTIFICATION OF TREATMENT REQUIREMENTS FOR WASTES RESTRICTED FROM LAND DISPOSAL UNDER 40 CFR 268 SUBPART D

MANIFEST NUMBER: 05004 EPA ID NUMBER: VAD988170824

EPA WASTE CODE: F005 F003 D001 PROFILE NUMBER: 61479

WASTE CATEGORY [Check appropriate line(s)]

☐ **Unrestricted Waste Notification**

The disposal of this waste is not restricted as specified in 40 CFR 268, subpart D and all prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

☑ **Restricted Waste Notification**

A ☐ This is a restricted waste which meets the treatment standards as specified in 40 CFR 268, Subpart D.

B ☑ This waste does not meet the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate standard and in such a manner which renders it non-liquid by chemical fixation or solidification prior to land disposal. [See treatment standard below or see attached Part II section(s).]

C ☐ This shipment includes RCRA Section 3004(d) California list wastes. Circle or otherwise indicate individual constituents likely to be present in the waste.

			NON-WASTEWATER		WASTEWATER
EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	TOTAL COMPOSITION (mg/kg)	TCLP (mg/L)	TOTAL COMPOSITION (mg/L)
CALIFORNIA LISTED WASTE LAND DISPOSAL PROHIBITION LEVELS					
☐	Arsenic bearing liquid wastes	Arsenic (As)	500		
☐	Cadmium bearing liquid wastes	Cadmium (Cd)	100		
☐	Chromium bearing liquid waste	Chromium (Cr)	500		
☐	Lead bearing liquid wastes	Lead (Pb)	500		
☐	Nickel bearing liquid wastes	Nickel (Ni)	100		
☐	Mercury bearing liquid wastes	Mercury (Hg)	20		
☐	Selenium bearing liquid wastes	Selenium (Se)	100		
☐	Thallium bearing liquid wastes	Thallium (Th)	130		
☐	PCB bearing liquid wastes	Polychlorinated Biphenyls	50		
☐	Cyanide bearing liquid wastes	Cyanide (Total)	1000		
☐	Liquid wastes with a pH ≤ 2.0		pH ≤ 2.0		
☐	HOC bearing liquid wastes	HOCs listed below	1000		

D ☐ This shipment includes hazardous debris. (Check certification B or C)

As required by 40 CFR 268.7(a)(2), the following certification is made for these restricted wastes: (Check One)

A ☐ I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

B ☑ I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards, specified in 40 CFR 268 subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method.

C ☐ This hazardous debris is subject to the alternate treatment standards of 40 CFR 268.45. The waste contains the following contaminants subject to treatment. (Check all that apply).

___ 268.45 (b) (1) - Toxicity characteristic debris

___ 268.45 (b) (2) - Debris contaminated with listed waste

___ 268.45 (b) (3) - Cyanide reactive debris

SIGNATURE Scott Van Allen TITLE WHSE MNGR

GENERATOR NAME/LOCATION: Dansun Technologies, 415 Old Richmond Rd, Danville, VA 24540

NOTE: PLEASE ATTACH WASTE ANALYSIS DATA. (OPTIONAL) DATE: 1/5/05

PROFILE NUMBER 61479

THIS IS A NON-WASTEWATER UNLESS THIS BOX IS CHECKED ☐ INDICATING WASTEWATER.

EPA CODES	SUBCATEGORY or WATE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER: TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER: TCLP (mg/L)[1]	WASTEWATER: TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES					
☑ D001	Ignitable liquids, high-TOC non-wastewater subcategory		RORGS; or COMBST	-	-
☐ D001	Ignitable liquids, low-TOC non-wastewater subcat (TOC<10%)		DEACT & UHC STANDARDS	-	DEACT (8) & UHC STANDARDS
☐ D001	Ignitable liquids, wastewater subcat (TOC <1% & TSS<1%)		DEACT (8)	-	DEACT (8)
☐ D002	Acid subcategory.	pH<2.0	DEACT (8) & UHC STANDARDS *		DEACT(8) & UHC*
☐ D002	Alkaline subcategory	pH>12.5	DEACT (8) & UHC STANDARDS *		DEACT(8) & UHC*
☐ D002	Other subcategory		DEACT & UHC STANDARDS *		DEACT & UHC*
☐ D004	Arsenic	Arsenic	-	5.0[4]	5.0
☐ D005	Barium	Barium	-	100	100
☐ D006	Cadmium	Cadmium	-	1.0	1.0
☐ D006	Cadmium batteries subcategory	Cadmium	RTHRM (24)	-	-
☐ D007	Chromium	Chromium (Total)	-	5.0	5.0
☐ D008	Lead	Lead	-	5.0[4]	5.0
☐ D008	Lead acid batteries[2]		RLEAD (18)	-	-
☐ D009	Low-mercury subcategory (<260 mg/kg total mercury)	Mercury	-	0.2	-
☐ D009	High-mercury subcategory (>260 mg/kg total mercury)	Mercury	RMERC or IMERC(8)	-	-
☐ D010	Selenium	Selenium	-	5.7	1.0
☐ D011	Silver	Silver	-	5.0	5.0
☐ D012	Endrin	Hexachloroepoxy-octahydro-dimethano-naphthalene	0.13[6]	-	BIODG;INCIN(19)
☐ D013	Lindane	Isomer of Hexachlorobenzene	0.066[6]	-	CARBN;INCIN(20)
☐ D014	Methoxychlor	MethoxyDDT	0.18[6]	-	WETOX;INCIN(27)
☐ D015	Toxaphene	Toxaphene	2.6[6]	-	BIODG;INCIN(19)
☐ D016	2,4-D	2,4-Dichlorophenoxyacetic Acid	10.0[6]	-	CHOXD;(20) BIODG;INCIN
☐ D017	2,4,5-TP (Silvex)	2,4,5-Trichlorophenoxypropionic acid	7.9[6]	-	CHOXD;INCIN(1)
☐ D018	Benzene	Benzene	-	10	14
☐ D019	Carbon tetrachloride	Carbon tetrachloride	-	6.0	.057
☐ D020	Chlordane	Octachloromethanotetrahydroindane	-	.26	.0033
☐ D021	Chlorobenzene	Chlorobenzene	-	6.0	.057
☐ D022	Chloroform	Chloroform	-	6.0	.046
☐ D023	o-Cresol	o-Cresol	-	5.6	.11
☐ D024	m-Cresol	m-Cresol	-	5.6	.77
☐ D025	p-Cresol	p-Cresol	-	5.6	.77
☐ D026	Cresol	Total Cresols	-	11.2	.88
☐ D027	1,4-Dichlorobenzene	1,4-Dichlorobenzene	-	6.0	.090
☐ D028	1,2-Dichloroethane	1,2-Dichloroethane	-	6.0	.21
☐ D029	1,1-Dichloroethylene	1,2-Dichloroethylene	-	5.0	.025
☐ D030	2,4-Dinitrotoluene	2,4-Dinitrotoluene	-	140	.32
☐ D031	Heptachlor	Heptachlor	-	.066	.0012
☐ D031	Heptachlor Epoxide	Heptachlor Epoxide	-	.066	.016
☐ D032	Hexachlorobenzene	Hexachlorobenzene	-	16	.055
☐ D033	Hexachlorobutadiene	Hexachlorobutadien	-	5.6	.055
☐ D034	Hexachloroethane	Hexachloroethane	-	30	.055

EPA CODES	SUBCATEGORY or WATE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER: TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER: TCLP (mg/L)[1]	WASTEWATER: TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES (continued)					
☐ D035	Methyl ethyl ketone	Methyl ethyl ketone	-	36	.28
☐ D036	Nitrobenzene	Nitrobenzene	-	14	.068
☐ D037	Pentachlorophenol	Pentachlorophenol	-	7.4	.089
☐ D038	Pyridine	Pyridine	-	16	.014
☐ D039	Tetrachloroethylene	Perchloroethylene	-	6.0	.056
☐ D040	Trichloroethylene	Trichloroethylene	-	6.0	.054
☐ D041	2,4,5-TP	2,4,5-Trichlorophenol	-	7.4	.18
☐ D042	2,4,6-Trichlorophenol	2,4,6-Trichlorophenol	-	7.4	.035
☐ D043	Vinyl chloride	Vinyl cloride	-	6.0	.27
B. TREATMENT STANDARDS FOR "F"-LISTED WASTES					
F001 — Spent halogenated solvents used in degreasing[5]		☐ Carbon tetrachloride	6	-	0.057
		☐ Methylene chloride	30	-	0.089
		☐ Tetrachloroethylene	6	-	0.056
		☐ 1,1,1-Trichloroethane	6	-	0.054
		☐ Trichloroethylene	6	-	0.054
		☐ 1,1,2-Trichloro-1,2,2-trifluoroethane[7]	30	-	0.057
		☐ Trichloromonofluoromethane	30	-	0.02
F002 — Spent halogenated solvents[5]		☐ Chlorobenzene	6	-	0.057
		☐ o-Dichlorobenzene	6	-	0.088
		☐ Methylene chloride	30	-	0.089
		☐ Methylene chloride (wastewater from the pharmaceutical industry)	-	-	0.44
		☐ Tetrachloroethylene	6	-	0.056
		☐ 1,1,1-Trichloroethane	6	-	0.054
		☐ 1,1,2-Trichloroethane	6	-	0.054
		☐ Trichloroethylene	6	-	0.054
		☐ 1,1,2-Trichloro-1,2,2-trifluoroethane[7]	30	-	0.057
		☐ Trichloromonofluoromethane	30	-	0.02
F003 — Spent non-halogenated solvents[5]		☐ Acetone	160	-	0.28
		☐ n-Butyl alcohol	2.6	-	2.6
		☐ Cyclohexanone[3]	-	-	0.36[3]
		☐ Ethyl acetate	33	-	0.34
		☐ Ethyl benzene	10	-	0.057
		☐ Ethyl ether	160	-	0.12
		☐ Methanol[3]	-	-	5.6[3]
		☐ Methyl isobutyl ketone	33	-	0.14
F005 — Spent non-halogenated solvents[5]		☑ Xylenes (total)	30	-	0.32
		☐ Benzene	10	-	.14
		☐ Carbon disulfide[3]	-	-	3.8
		☐ 2-Ethoxyethanol	INCIN(2)	-	BIODG;INCIN(19)
		☐ Isobutyl alcohol	170	-	5.6
		☐ Methyl ethyl ketone	36	-	0.28
		☐ 2-Nitropropane	INCIN(2)	-	WETOX; or CHOXD to CARBN or INCIN
		☐ Pyridine	16	-	0.014
		☐ Toluene	10	-	0.08

* Attach D001-D002 Underlying Hazardous Constituent Form and Check Box for each Constituent present.

GENERATORS NOTIFICATION OF TREATMENT REQUIREMENTS FOR WASTES RESTRICTED FROM LAND DISPOSAL UNDER 40 CFR 268 SUBPART D

MANIFEST NUMBER: EPA ID NUMBER: VAD988170684

EPA WASTE CODE: **D001** PROFILE NUMBER: **53800**

WASTE CATEGORY [Check appropriate line(s)]

☐ **Unrestricted Waste Notification**

The disposal of this waste is not restricted as specified in 40 CFR 268, subpart D and all prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

☒ **Restricted Waste Notification**

A ☐ This is a restricted waste which meets the treatment standards as specified in 40 CFR 268, Subpart D.

B ☒ This waste doses not meet the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate standard and in such a manner which renders it non-liquid by chemical fixation or solidification prior to land disposal. [See treatment standard below or see attached Part II section(s).]

C ☐ This shipment includes RCRA Section 3004(d) California list wastes. Circle or otherwise indicate individual constituents likely to be present in the waste.

			NON-WASTEWATER		WASTEWATER
EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	TOTAL COMPOSITION (mg/kg)	TCLP (mg/L)	TOTAL COMPOSITION (mg/L)
CALIFORNIA LISTED WASTE LAND DISPOSAL PROHIBITION LEVELS					
☐	Arsenic bearing liquid wastes	Arsenic (As)	500		
☐	Cadmium bearing liquid wastes	Cadmium (Cd)	100		
☐	Chromium bearing liquid wastes	Chromium (Cr)	500		
☐	Lead bearing liquid wastes	Lead (Pb)	500		
☐	Nickel bearing liquid wastes	Nickel (Ni)	100		
☐	Mercury bearing liquid wastes	Mercury (Hg)	20		
☐	Selenium bearing liquid wastes	Selenium (Se)	100		
☐	Thallium bearing liquid wastes	Thallium (Th)	130		
☐	PCB bearing liquid wastes	Polychlorinated Biphenyls	50		
☐	Cyanide bearing liquid wastes	Cyanide (Total)	1000		
☐	Liquid wastes with a pH < 2.0		pH < 2.0		
☐	HOC bearing liquid wastes	HOCs listed below	1000		

D ☐ This shipment includes hazardous debris. (Check certification B or C)

As required by 40 CFR 268.7(a)(2), the following certification is made for these restricted wastes: (Check One)

A ☐ I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

B ☒ I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards, specified in 40 CFR 268 subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method

C ☐ This hazardous debris is subject to the alternate treatment standards of 40 CFR 268.45. The waste contains the following contaminants subject to treatment. (Check all that apply).

— 268.45 (b) (1) - Toxicity Characteristic debris
— 268.45 (b) (2) - Debris contaminated with listed waste
— 268.45 (b) (3) - Cyanide reactive debris

SIGNATURE _____ TITLE SITE SAFETY COORDINATOR

GENERATOR NAME/LOCATION:

Danchem Technologies Inc 1975 Old Richmond RD. **Danville, VA 24540**

NOTE: Please Attach Waste Analysis Date. (OPTIONAL) DATE: 9/14/05

PROFILE NUMBER

THIS IS A NON-WASTEWATER UNLESS THIS BOX IS CHECKED ☐ INDICATING WASTEWATER.

	EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER TCLP (mg/L)[1]	WASTEWATER TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES						
☒	D001	Ignitable liquids, high-TOC non-wastewater subcategory		RORG;or COMBST	-	-
☐	D001	Ignitable liquids, low-TOC non-wastewater subcat (TOC<10%)		DEACT & UHC STANDARDS	-	DEACT (8) & UHC STANDARDS
☐	D001	Ignitable liquids, wastewater subcat (TOC <1% & TSS<1%)		DEACT (8)	-	
☐	D002	Acid subcategory	pH<2.0	DEACT (8) & UHC STANDARDS[7]		DEACT (8) & UHC[7]
☐	D002	Alkaline subcategory	pH>12.5	DEACT (8) & UHC STANDARDS[7]		DEACT (8) & UHC[7]
☐	D002	Other subcategory		DEACT & UHC STANDARDS[7]		DEACT & UHC[7]
☐	D004	Arsenic	Arsenic	-	5.0[6]	5.0
☐	D005	Barium	Barium	-	100	100
☐	D006	Cadmium	Cadmium	-	1.0	1.0
☐	D006	Cadmium batteries subcategor	Cadmium	RTHRM (24)	-	-
☐	D007	Chromium	Chromium (Total)	-	5.0	5.0
☐	D008	Lead	Lead	-	5.0[4]	5.0
☐	D008	Lead acid batteries8		RLEAD (13)	-	-
☐	D009	Low-mercury subcategory (<260 mg/kg total mercury)	Mercury	-	0.2	-
☐	D009	High-mercury subcategory (>260 mg/kg total mercury)	Mercury	RMERC or IMERC (6)	-	-
☐	D010	Selenium	Selenium	-	5.7	1.0
☐	D011	Silver	Silver	-	5.0	5.0
☐	D012	Endrin	Hexachloroepoxy-octo hydro-dimethano-naphthalene	0.13[6]	-	BIODG;INCIN(19)
☐	D013	Lindane	isomer of Hexachlorobenzene	0.066[6]	-	CARBN;INCIN(26)
☐	D014	Methoxychlor	MethoxyDDT	0.18[6]	-	WETOX;INCIN(27)
☐	D015	Toxaphene	Toxaphene	2.6[6]	-	BIODG;INCIN(19)
☐	D016	2,4 D	2,4Dichlorophen-oxyacetic Acid	10.0[6]	-	CHOXD;(28) DIODG;INCIN
☐	D017	2,4,5-TP (Silvex)	2,4,5-Trichlorophenoxy-propionic acid	7.9[6]	-	CHOXD;INCIN(1)
☐	D018	Benzene	Benzene	-	10	0.14
☐	D019	Carbon Tetrachloride	Carbon tetrachloride	-	6.0	0.057
☐	D020	Chlordane	Octochloromethano-tetrahydroindane	-	0.26	0.0033
☐	D021	Chlorobenzene	Chlorobenzene	-	6.0	0.057
☐	D022	Chloroform	Chloroform	-	6.0	0.46
☐	D023	o-Cresol	o-Cresol	-	5.6	0.11
☐	D024	m-Cresol	m-Cresol	-	5.6	0.77
☐	D025	p-Cresol	p-Cresol	-	5.6	0.77
☐	D026	Cresol	Total Cresols	-	11.2	0.88
☐	D027	1,4-Dichlorobenzene	1,4-Dichlorobenzene	-	6.0	0.09
☐	D028	1,2-Dichloroethane	1,2-Dichloroethane	-	6.0	0.21
☐	D029	1,1-Dichloroethylene	1,2-Dichloroethylene	-	6.0	0.025
☐	D030	2,4-Dinitrotoluene	2,4-Dinitrotoluene	-	140	0.32
☐	D031	Heptachlor	Heptachlor	-	0.066	0.0012
☐	D031	Heptachlor Epoxide	Heptachlor Epoxide	-	0.066	0.016
☐	D032	Hexachlorobenzene	Hexachlorobenzene	-	10	0.055
☐	D033	Hexachlorobutadiene	Hexachlorobutadien	-	5.6	0.055
☐	D034	Hexachloroethane	Hexachloroethane	-	30	0.055

	EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER TCLP (mg/L)[1]	WASTEWATER TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES (continued)						
☐	D035	Methyl ethyl ketone	Methyl ethyl ketone	-	36	0.28
☐	D036	Nitrobenzene	Nitrobenzene	-	14	0.068
☐	D037	Pentachlorophenol	Pentachlorophenol	-	7.4	0.089
☐	D038	Pyridine	Pyridine	-	16	0.014
☐	D039	Tetrachloroethylene	Perchloroethylene	-	6.0	0.056
☐	D040	Trichloroethylene	Trichloroethylene	-	6.0	0.054
☐	D041	2,4,5-TP	2,4,5-Trichlorophenol	-	7.4	0.18
☐	D042	2,4,6-Trichlorophenol	2,4,6-Trichlorophenol	-	7.4	0.035
☐	D043	Vinyl chloride	Vinyl chloride	-	6.0	0.27
B. TREATMENT STANDARDS FOR "F" -LISTED WASTES						
		F001 - Spent halogenated solvents used in degreasing	Carbon Tetrachloride	6	-	0.057
			Methylene chloride	30	-	0.089
			Tetrachloroethylene	6	-	0.056
			1,1,1-Trichloroethane	6	-	0.054
			Trichloroethylene	6	-	0.054
			1,1,2-Trichloro-1,2,2-f fluoroethane[7]	30	-	0.057
			Trichloromonofluoro-methane	30	-	0.02
		F002 - Spent halogenated solvents[9]	Chlorobenzene	6	-	0.057
			o-Dichlorobenzene	6	-	0.088
			Methylene chloride	30	-	0.089
			Methylene chloride (w water from the pharm ceutical industry)	-	-	0.44
			Tetrachloroethylene	6	-	0.056
			1,1,1-Trichloroethane	6	-	0.054
			1,1,2-Trichloroethane	6	-	0.054
			Trichloroethylene	6	-	0.054
			1,1,2-Trichloro-1,2,2-f fluoroethane[7]	30	-	0.057
			Trichloromonofluoro-methane	33	-	0.02
		F003 - Spent non-halogenated solvents[3]	Acetone	160	-	0.28
			n-Butyl Alcohol	5.6	-	2.6
			Cyclohexanone[3]	-	-	0.36[3]
			Ethyl acetate	33	-	0.34
			Ethyl benzene	10	-	0.057
			Ethyl ether	160	-	0.12
			Methanol[3]	-	-	5.6[3]
			Methyl isobutyl ketone	33	-	0.14
			Xylenes (total)	30	-	0.32
		F005 - Spent non-halogenated solvents[3]	Benzene	10	-	0.14
			Carbon disulfide[3]	-	-	3.8
			2-Ethoxyethanol	INCIN(2)	-	BIODG;INCIN(19)
			Isobutyl alcohol	170	-	5.6
			Methyl ethyl ketone	36	-	0.28
			2-Nitropropane	INCIN(2)	-	WETOX; or CHOYD fb CARBN or INCIN
			Pyridine	16	-	0.014
			Toluene	10	-	0.08

Attach D001-D002 Underlying Hazardous Constituent Form and Check Box for each Constituent present.

GENERATORS NOTIFICATION OF TREATMENT REQUIREMENTS FOR WASTES RESTRICTED FROM LAND DISPOSAL UNDER 40 CFR 268 SUBPART D

MANIFEST NUMBER 000075383GRR | EPA ID NUMBER: VAD988170684

EPA WASTE CODE: F003, D001 | PROFILE NUMBER: 93823

WASTE CATEGORY [Check appropriate line(s)]

[ ] **Unrestricted Waste Notification**

The disposal of this waste is not restricted as specified in 40 CFR 268, subpart D and all prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

[X] **Restricted Waste Notification**

A [ ] This is a restricted waste which meets the treatment standards as specified in 40 CFR 268, Subpart D.

B [X] This waste does not meet the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated to the appropriate standard and in such a manner which renders it non-liquid by chemical fixation or solidification prior to land disposal. [See treatment standard below or see attached Part II section(s).]

C [ ] This shipment includes RCRA Section 3004(d) California list wastes. Circle or otherwise indicate individual constituents likely to be present in the waste.

EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg)	NON-WASTEWATER TCLP (mg/L)	WASTEWATER TOTAL COMPOSITION (mg/L)
CALIFORNIA LISTED WASTE LAND DISPOSAL PROHIBITION LEVELS					
[ ]	Arsenic bearing liquid wastes	Arsenic (As)	500		
[ ]	Cadmium bearing liquid wastes	Cadmium (Cd)	100		
[ ]	Chromium bearing liquid wastes	Chromium (Cr)	500		
[ ]	Lead bearing liquid wastes	Lead (Pb)	500		
[ ]	Nickel bearing liquid wastes	Nickel (Ni)	100		
[ ]	Mercury bearing liquid wastes	Mercury (Hg)	20		
[ ]	Selenium bearing liquid wastes	Selenium (Se)	100		
[ ]	Thallium bearing liquid wastes	Thallium (Tl)	130		
[ ]	PCB bearing liquid wastes	Polychlorinated Biphenyls	50		
[ ]	Cyanide bearing liquid wastes	Cyanide (Total)	1000		
[ ]	Liquid wastes with a pH < 2.0		pH < 2.0		
[ ]	HOC bearing liquid wastes	HOCs listed below	1000		

D [ ] This shipment includes hazardous debris. (Check certification B or C)

As required by 40 CFR 268.7(a)(2), the following certification is made for these restricted wastes: (Check One)

A [ ] I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

B [X] I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards, specified in 40 CFR 268 subpart D. Waste must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method

C [ ] This hazardous debris is subject to the alternate treatment standards of 40 CFR 268.45. The waste contains the following contaminants subject to treatment. (Check all that apply).

__ 268.45 (b) (1) - Toxicity Characteristic debris

__ 268.45 (b) (2) - Debris contaminated with listed waste

__ 268.45 (b) (3) - Cyanide reactive debris

SIGNATURE (signature) TITLE Site Safety Coordinator

GENERATOR NAME/LOCATION:

Danchem Technologies Inc 1975 Old Richmond RD. Danville, VA 24540

NOTE: Please Attach Waste Analysis Date. (OPTIONAL) DATE: 9/12/08

PROFILE NUMBER 93892

THIS IS A NON-WASTEWATER UNLESS THIS BOX IS CHECKED ☐ INDICATING WASTEWATER.

EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER TCLP (mg/L)[1]	WASTEWATER TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES					
☐ D001	Ignitable liquids, high-TOC non-wastewater subcategory		RORG;or COMBST	-	-
☐ D001	Ignitable liquids, low-TOC non-wastewater subcat (TOC<10%)		DEACT & UHC STANDARDS	-	DEACT (6) & UHC STANDARDS
☐ D001	Ignitable liquids, wastewater subcat (TOC <1% & TSS<1%)		DEACT (6)	-	
☐ D002	Acid subcategory	pH<2.0	DEACT (6) & UHC STANDARDS[5]		DEACT (6) & UHC[5]
☐ D002	Alkaline subcategory	pH>12.5	DEACT (6) & UHC STANDARDS[5]		DEACT (6) & UHC[5]
☐ D002	Other subcategory		DEACT & UHC STANDARDS[5]		DEACT & UHC[5]
☐ D004	Arsenic	Arsenic	-	5.0[4]	5.0
☐ D005	Barium	Barium	-	100	100
☐ D006	Cadmium	Cadmium	-	1.0	1.0
☐ D006	Cadmium batteries subcategor	Cadmium	RTHRM (24)	-	-
☐ D007	Chromium	Chromium (Total)	-	5.0	5.0
☐ D008	Lead	Lead	-	5.0[4]	5.0
☐ D008	Lead acid batteries		RLEAD (13)	-	-
☐ D009	Low-mercury subcategory (<260 mg/kg total mercury)	Mercury	-	0.2	-
☐ D009	High-mercury subcategory (>260 mg/kg total mercury)	Mercury	RMERC or IMERC (5)	-	-
☐ D010	Selenium	Selenium	-	5.7	1.0
☐ D011	Silver	Silver	-	5.0	5.0
☐ D012	Endrin	Hexachloroepoxy-octo hydro-dimethano-naphthalene	0.13[6]	-	BIODG;INCIN(19)
☐ D013	Lindane	Isomer of Hexachlorobenzene	0.066[6]	-	CARBN;INCIN(26)
☐ D014	Methoxychlor	MethoxyDDT	0.18[6]	-	WETOX;INCIN(27)
☐ D015	Toxaphene	Toxaphene	2.6[6]	-	BIODG;INCIN(19)
☐ D016	2,4 D	2,4Dichlorophen-oxyacetic Acid	10.0[6]	-	CHOXD;(28) DIODG;INCIN
☐ D017	2,4,5-TP (Silvex)	2,4,5-Trichlorophenoxy-propionic acid	7.9[6]	-	CHOXD;INCIN(1)
☐ D018	Benzene	Benzene	-	10	0.14
☐ D019	Carbon Tetrachloride	Carbon tetrachloride	-	6.0	0.057
☐ D020	Chlordane	Octochloromethano-tetrahydroindane	-	0.26	0.0033
☐ D021	Chlorobenzene	Chlorobenzene	-	6.0	0.057
☐ D022	Chloroform	Chloroform	-	6.0	0.46
☐ D023	o-Cresol	o-Cresol	-	5.6	0.11
☐ D024	m-Cresol	m-Cresol	-	5.6	0.77
☐ D025	p-Cresol	p-Cresol	-	5.6	0.77
☐ D026	Cresol	Total Cresols	-	11.2	0.88
☐ D027	1,4-Dichlorobenzene	1,4-Dichlorobenzene	-	6.0	0.09
☐ D028	1,2-Dichloroethane	1,2-Dichloroethane	-	6.0	0.21
☐ D029	1,1-Dichloroethylene	1,2-Dichloroethylene	-	6.0	0.025
☐ D030	2,4-Dinitrotoluene	2,4-Dinitrotoluene	-	140	0.32
☐ D031	Heptachlor	Heptachlor	-	0.066	0.0012
☐ D031	Heptachlor Epoxide	Heptachlor Epoxide	-	0.066	0.016
☐ D032	Hexachlorobenzene	Hexachlorobenzene	-	10	0.055
☐ D033	Hexachlorobutadiene	Hexachlorobutadien	-	5.6	0.055
☐ D034	Hexachloroethane	Hexachloroethane	-	30	0.055

EPA CODES	SUBCATEGORY or WASTE DESCRIPTION	CONSTITUENT CONCERN	NON-WASTEWATER TOTAL COMPOSITION (mg/kg) (Method)[1]	NON-WASTEWATER TCLP (mg/L)[1]	WASTEWATER TOTAL COMPOSITION (mg/L) (method)[1]
A. TREATMENT STANDARDS FOR CHARACTERISTIC WASTES (continued)					
☐ D035	Methyl ethyl ketone	Methyl ethyl ketone	-	36	0.28
☐ D036	Nitrobenzene	Nitrobenzene	-	14	0.068
☐ D037	Pentachlorophenol	Pentachlorophenol	-	7.4	0.089
☐ D038	Pyridine	Pyridine	-	16	0.014
☐ D039	Tetrachloroethylene	Perchloroethylene	-	6.0	0.056
☐ D040	Trichloroethylene	Trichloroethylene	-	6.0	0.054
☐ D041	2,4,5-TP	2,4,5-Trichlorophenol	-	7.4	0.18
☐ D042	2,4,6-Trichlorophenol	2,4,6-Trichlorophenol	-	7.4	0.035
☐ D043	Vinyl chloride	Vinyl chloride	-	6.0	0.27
B. TREATMENT STANDARDS FOR "F" -LISTED WASTES					
F001 - Spent halogenated solvents used in degreasing	☐	Carbon Tetrachloride	6	-	0.057
	☐	Methylene chloride	30	-	0.089
	☐	Tetrachloroethylene	6	-	0.056
	☐	1,1,1-Trichloroethane	6	-	0.054
	☐	Trichloroethylene	6	-	0.054
	☐	1,1,2-Trichloro-1,2,2-t fluoroethane[7]	30	-	0.057
	☐	Trichloromonofluoro-methane	30	-	0.02
F002 - Spent halogenated solvents[8]	☐	Chlorobenzene	6	-	0.057
	☐	o-Dichlorobenzene	6	-	0.088
	☐	Methylene chloride	30	-	0.089
	☐	Methylene chloride (w water from the pharm ceutical industry)	-	-	0.44
	☐	Tetrachloroethylene	6	-	0.056
	☐	1,1,1-Trichloroethane	6	-	0.054
	☐	1,1,2-Trichloroethane	6	-	0.054
	☐	Trichloroethylene	6	-	0.054
	☐	1,1,2-Trichloro-1,2,2-t fluoroethane[7]	30	-	0.057
	☐	Trichloromonofluoro-methane	33	-	0.02
F003 - Spent non-halogenated solvents[8]	☐	Acetone	160	-	0.28
	☐	n-Butyl Alcohol	5.6	-	2.6
	☐	Cyclohexanone[9]	-	-	0.36 [9]
	☐	Ethyl acetate	33	-	0.34
	☐	Ethyl benzene	10	-	0.057
	☐	Ethyl ether	160	-	0.12
	☐	Methanol[9]	-	-	5.6 [9]
	☐	Methyl isobutyl ketone	33	-	0.14
	☐	Xylenes (total)	30	-	0.32
F005 - Spent non-halogenated solvents[8]	☐	Benzene	10	-	0.14
	☐	Carbon disulfide[9]	-	-	3.8
	☐	2-Ethoxyethanol	INCIN(2)	-	BIODG;INCIN(19)
	☐	Isobutyl alcohol	170	-	5.6
	☐	Methyl ethyl ketone	36	-	0.28
	☐	2-Nitropropane	INCIN(2)	-	WETOX; or CHOYD fb CARBN or INCIN
	☐	Pyridine	16	-	0.014
	☐	Toluene	10	-	0.08

Attach D001-D002 Underlying Hazardous Constituent Form and Check Box for each Constituent present.

Attachment 7
2007 Biennial Report

June 25, 2009

SEND COMPLETED FORM TO: The Appropriate State or EPA Regional Office	United States Environmental Protection Agency **RCRA SUBTITLE C SITE IDENTIFICATION FORM (2007)**
1. Reason for Submittal MARK ALL BOX(ES) THAT APPLY	**Reason for Submittal:** ☐ To provide initial Notification of Regulated Waste Activity (to obtain an EPA ID Number for hazardous waste, Universal waste, or used oil activities). ☐ To provide Subsequent Notification of Regulated Waste Activity (to update site identification information). ☐ As a component of a First RCRA Hazardous Waste Part A Permit Application. ☐ As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment # _____ ☒ As a component of the Hazardous Waste Report.
2. Site EPA ID Number	**EPA ID Number:** VAD988170684
3. Site Name	**Name:** DANCHEM TECHNOLOGIES, INC.
4. Site Location Information	**Street Adress:** 1975 OLD RICHMOND RD **City, Town, or Village:** DANVILLE **State:** VA **County Name:** DANVILLE CITY **Zip Code:** 24540
5. Site Land Type	**Site Land Type:** ☒ Private ☐ County ☐ District ☐ Federal ☐ Indian ☐ Municipal ☐ State ☐ Other
6. NAICS Code(s) for the Site	**A.** 32519 **B.** 32521 **C.** 325188 **D.** 325411
7. Site Mailing Address	**Street or P. O. Box:** 1975 OLD RICHMOND RD **City, Town, or Village:** DANVILLE **State:** VA **Country:** UNITED STATES **Zip Code:** 24540
8. Site Contact Person	**First Name:** MICHAEL **MI:** A **Last Name:** BASISTA **Phone Number:** 4347978120 **Extension:** 182 **Email Address:** mbasista@danchem.com
9. Operator and Legal Owner of the Site	**A. Name of Site's Operator:** DanChem Technologies, Inc. **Date Became Operator:** 1/1/1960 **Operator Type:** ☒ Private ☐ County ☐ District ☐ Federal ☐ Indian ☐ Municipal ☐ State ☐ Other
	B. Name of Site's Legal Owner: AMERICAN CAPITAL STRATEGIES **Date Became Owner:** 3/1/2002 **Owner Type:** ☒ Private ☐ County ☐ District ☐ Federal ☐ Indian ☐ Municipal ☐ State ☐ Other

EPA ID NO: VAD988170684

9. Legal Owner Address (continued)	Street or P. O. Box: 2 BETHESDA METRO CENTER, 14TH	
	City: BETHESDA	State: MD
	Country: UNITED STATES	Zip Code: 20814

10. Type of Regulated Waste Activity
Mark Yes or No for all activities; complete any additional boxes as instructed.

A. Hazardous Waste Activities
Complete all parts for 1 through 6.

Y☒ N☐ 1. Generator of Hazardous Waste
If Yes, choose only one of the following - a, b, or c.

- ☒ a. LQG: Greater than 1,000 kg/mo (2,200 lbs./mo.) of non-acute hazardous waste; or
- ☐ b. SQG:. 100 to 1,000 kg/mo (220 - 2,200 lbs./mo.) of non-acute hazardous waste; or
- ☐ c. CESQG: Less than 100 kg/mo (220 lbs./mo.) of non-acute hazardous waste

In addition, indicate other generator activities.

Y☐ N☒ d. United States Importer of Hazardous Waste

Y☐ N☒ e. Mixed Waste (hazardous and radioactive) Generator

Y☐ N☒ 2. Transporter of Hazardous Waste

Y☒ N☐ 3. Treater, Storer, or Disposer of Hazardous Waste (at your site)
Note: A hazardous waste permit is required for this activity.

Y☐ N☒ 4. Recycler of Hazardous Waste (at your site)

Y☐ N☒ 5. Exempt Boiler and/or Industrial Furnace
If Yes, mark each that applies.

- ☐ a. Small Quantity On-site Burner Exemption
- ☐ b. Smelting, Melting, and Refining Furnace

Y☐ N☒ 6. Underground Injection Control

B. Universal Waste Activities

Y☐ N☒ 1. Large Quantity Handler of Universal Waste (accumulate 5,000 kg or more) [refer to your State regulations to determine what is regulated]. Indicate types of universal mark all boxes that apply:

	Generate	Managed
a. Batteries		☐
b. Pesticides		☐
c. Mercury containing equipment		☐
d. Lamps		☐
e. Other (specify)	☐	☐
f. Other (specify)	☐	☐
g. Other (specify)	☐	☐

Y☐ N☒ 2. Destination Facility for Universal Waste
Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities
Mark all boxes that apply

Y☐ N☒ 1. Used Oil Transporter
If Yes, mark each that applies.

- ☐ a. Transporter
- ☐ b. Transfer Facility

Y☐ N☒ 2. Used Oil Processor and/or Re-refiner
If Yes, mark each that applies.

- ☐ a. Processor
- ☐ b. Re-refiner

Y☐ N☒ 3. Off-Specification Used Oil Burner

Y☐ N☒ 4. Used Oil Fuel Marketer
If Yes, mark each that applies.

- ☐ a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
- ☐ b. Marketer Who First Claims the Used Oil Meets the Specifications

EPA ID NO: VAD988170684

11. Description of Hazardous Wastes

A. Waste Codes for Federally Regulated Hazardous Wastes.

Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

D001 D002 D004 D035 F003 F005 U122 U147

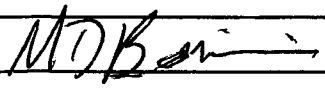
B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes.

Please list the waste codes of the State-regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed for waste codes.

12. Comments

13. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Operator, Owner, or an Authorized Representative	Name and Official Title (type or print)	Date Signed (mm/dd/yyyy)
	MARK D. BOIVIN, PRESIDENT AND CEO	02/25/2008

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

MR. DAN GWINNER
VA. DEPT OF ENVR. QUALITY
OWTS / WASTE DIV.
629 E. MAIN ST, 5th FL.
RICHMOND, VA 23219

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X William P. Chalmers Jr
☐ Agent
☐ Addressee

B. Received by *(Printed Name)*

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

MAR 04 2008

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number
(Transfer from service label) 7006 2760 0004 8204 7854

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE OFF-SPEC RAW MATERIAL; VINYL METHYL ETHER

B. EPA hazardous waste code	C. State hazardous waste code		
D001			
D. Source code: G07 / E. Form code: W801		F. Quantity generated in 2007: 1709140.0	G. UOM: 1 / Density: ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1
☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	KYD006370175	H020	1709140.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE BATCH DISTILLATION WASTE FROM SOLVENT RECOVERY; N-BUTANOL

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F003			
D. Source code	**E. Form code**	**F. Quantity generated in 2007**	**G. UOM** / **Density**
G24	W200	101380.0	1 ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	131826.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
WASTE QC LAB SAMPLE BOTTLES CONTAMINATED WITH IGNITABLE SOLVENTS; N-BUTANOL, MEK, METHANOL, TOLUENE, CYCLOHEXANE, XYLENE, ETC.

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F003 F005			
D. Source code: G22 / Management method code for source code: G25	E. Form code: W002	F. Quantity generated in 2007: 6190.0	G. UOM: 1 / Density: ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	6190.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SOLVENT WASTE FROM PRODUCTION STRIPPINGS AND DRYING; N-BUTANOL

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F003			
D. Source code: G07 / E. Form code: W203 Management method code for source code G25		F. Quantity generated in 2007: 29675.0	G. UOM: 1 / Density ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	29675.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM CLEANING OPERATIONS; N-BUTANOL AND ARMEEN

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F003			
D. Source code: G13 / E. Form code: W203 / Management method code for source code G25		F. Quantity generated in 2007: 771.0	G. UOM: 1 / Density: ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	771.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT PETROLEUM NAPTHA FROM PARTS CLEANING SYSTEM

B. EPA hazardous waste code	C. State hazardous waste code		
D001 D039			
D. Source code: G01 / E. Form code: W203		F. Quantity generated in 2007: 1173.0	G. UOM: 1 / Density: ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	VAD000737361	H020	1173.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENTS FROM PRODUCTION STRIPPINGS; XYLENE AND ACETONE

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F003			
D. Source code: G07 / Management method code for source code: G25	E. Form code: W203	F. Quantity generated in 2007: 108461.0	G. UOM: 1 / Density: ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	108461.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENTS FROM PRODUCTION STRIPPINGS; XYLENE AND ISOBUTANOL

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F003			
D. Source code: G07 / E. Form code: W203 Management method code for source code G25		F. Quantity generated in 2007: 24000.0	G. UOM: 1 / Density: ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	OHD093945293	H020	24000.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
CORROSIVE, IGNITABLE SPENT SOLVENTS FROM PRODUCTION STRIPPINGS; XYLENE AND MA

B. EPA hazardous waste code	C. State hazardous waste code		
D001 D003 F003			
D. Source code: G07 / E. Form code: W203 / Management method code for source code G25		F. Quantity generated in 2007: 70390.0	G. UOM: 1 / Density: ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	70390.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM EQUIPMENT CLEANING OPERATIONS; ACETONE

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F003			
D. Source code: G13 / E. Form code: W203 Management method code for source code G25		F. Quantity generated in 2007: 56380.0	G. UOM: 1 / Density ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	ILD098642424	H039	56380.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENTS FROM PRODUCTION STRIPPINGS CONTAINING ACRYLONITRILE

B. EPA hazardous waste code	C. State hazardous waste code		
D001			
D. Source code: G07	E. Form code: W203	F. Quantity generated in 2007: 36007.0	G. UOM: 1 — Density: ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	36007.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT AND FILTERS FROM TRANSFER OPERATIONS; OCTANE

B. EPA hazardous waste code	C. State hazardous waste code		
D001			
D. Source code: G19 / E. Form code: W310 Management method code for source code G25		F. Quantity generated in 2007: 3285.0	G. UOM: 1 Density: ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	3285.0
SITE 2			
SITE 3			

Comments:

POLYMER SOLIDS AND FILTERS

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM EQUIPMENT CLEANING OPERATIONS; T-BUTANOL

B. EPA hazardous waste code	C. State hazardous waste code		
D001			
D. Source code: G13	E. Form code: W203	F. Quantity generated in 2007: 239251.0	G. UOM: 1 (☐ 1 lbs/gal ☐ 2 sg) Density
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	239251.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE BATCH DISTILLATION WASTE FROM SOLVENT RECOVERY; OCTANE

B. EPA hazardous waste code	C. State hazardous waste code		
D001			
D. Source code: G24	E. Form code: W200	F. Quantity generated in 2007: 48853.0	G. UOM: 1 (☐ 1 lbs/gal ☐ 2 sg) Density
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	48853.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM EQUIPMENT CLEANING OPERATIONS; METHANOL, IPA, ETHYL ACETATE

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F003			
D. Source code	**E. Form code**	**F. Quantity generated in 2007**	**G. UOM / Density**
G13	W203	18942.0	1 ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	18942.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENTS FROM SAMPLING OPERATIONS; N-BUTANOL AND XYLENE

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F003 F005			
D. Source code: G22	E. Form code: W203	F. Quantity generated in 2007: 16506.0	G. UOM: 1 Density: ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	16506.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENTS FROM PRODUCTION STRIPPINGS; TETRAHYDROFURAN

B. EPA hazardous waste code	C. State hazardous waste code		
D001			
D. Source code: G07	E. Form code: W203	F. Quantity generated in 2007: 10860.0	G. UOM: 1 Density: ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	10860.0
SITE 2			
SITE 3			

Comments:

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SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT AND CONTAMINATED FILTERS FROM TRANSFER OPERATIONS

B. EPA hazardous waste code	C. State hazardous waste code		
D001			
D. Source code	**E. Form code**	**F. Quantity generated in 2007**	**G. UOM / Density**
G19	W310	1100.0	1 ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	1100.0
SITE 2			
SITE 3			

Comments:

POLYMERS SOLIDS AND FILTERS

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
WASTE SAMPLE CONTAINERS CONTAMINATED WITH MEK

B. EPA hazardous waste code	C. State hazardous waste code		
D001 D035			
D. Source code: G19	E. Form code: W002	F. Quantity generated in 2007: 3225.0	G. UOM: 1 Density: ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H040	3225.0
SITE 2			
SITE 3			

Comments:

WASTE FILTERS AND CONTAINERS

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
WASH WATER FROM EQUIPMENT CONTAINING; ARSENIC

B. EPA hazardous waste code	C. State hazardous waste code		
D004			
D. Source code: G13 / E. Form code: W101 / Management method code for source code G25		F. Quantity generated in 2007: 22553.0	G. UOM: 1 / Density: ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H040	22553.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
CONTAMINATED FILTERS AND CONTAINERS CONTAINING; ARSENIC

B. EPA hazardous waste code	C. State hazardous waste code		
D004			
D. Source code: G19 / E. Form code: W002 / Management method code for source code G25		F. Quantity generated in 2007: 6593.0	G. UOM: 1 / Density: ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	6593.0
SITE 2			
SITE 3			

Comments:

SOLIDS, FILTERS AND LINERS

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
WASTE WATER FROM TANK CLEANOUT CONTAINING; ARSENIC

B. EPA hazardous waste code	C. State hazardous waste code		
D004			
D. Source code: G13 / Management method code for source code: G25	E. Form code: W101	F. Quantity generated in 2007: 1800.0	G. UOM: 1 (☐ 1 lbs/gal ☐ 2 sg) Density

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1
☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H040	1800.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE OBSOLETE PRODUCT CONTAINING; BUTYL ACRYLATE

B. EPA hazardous waste code	C. State hazardous waste code		
D001			
D. Source code: G11 / E. Form code: W203 / Management method code for source code G25		F. Quantity generated in 2007: 240.0	G. UOM: 1 / Density: ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	240.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE MATERIAL FROM EQUIPMENT CLEANING OPERATIONS CONTAINING; VINYL RESIN, DEA, ACRYLIC POLYMERS

B. EPA hazardous waste code	C. State hazardous waste code		
D001			
D. Source code: G13 / E. Form code: W202 / Management method code for source code G25		F. Quantity generated in 2007: 400.0	G. UOM: 1 / Density: ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	400.0
SITE 2			
SITE 3			

Comments:

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SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE OBSOLETE PRODUCT CONTAINING; XYLENE, PEG, MONOMETHYL ETHER ACETATE

B. EPA hazardous waste code	C. State hazardous waste code		
D001			
D. Source code: G11 / E. Form code: W203 Management method code for source code G25		F. Quantity generated in 2007: 8550.0	G. UOM: 1 / Density: ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	8550.0
SITE 2			
SITE 3			

Comments:

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SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM EQUIPMENT CLEANING OPERATIONS CONTAINING GLYCOL ETHER

B. EPA hazardous waste code	C. State hazardous waste code		
D001			
D. Source code: G13	E. Form code: W203	F. Quantity generated in 2007: 4920.0	G. UOM: 1 (☐ 1 lbs/gal ☐ 2 sg) Density
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	4920.0
SITE 2			
SITE 3			

Comments:

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SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM EQUIPMENT CLEANING OPERATIONS CONTAINING; METHANOL, DMG, DETA

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F003			
D. Source code: G13 / E. Form code: W203 / Management method code for source code G25		F. Quantity generated in 2007: 6895.0	G. UOM: 1 / Density: ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	6895.0
SITE 2			
SITE 3			

Comments:

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SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE OFF-SPEC RAW MATERIAL CONTAINING; STRYENE, BUTYL ACRYLATE

B. EPA hazardous waste code	C. State hazardous waste code		
D001			
D. Source code: G07	E. Form code: W203	F. Quantity generated in 2007: 6312.0	G. UOM: 1 Density: ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	6312.0
SITE 2			
SITE 3			

Comments:

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SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM EQUIPMENT CLEANING OPERATIONS CONTAINING; ETHYLENE GLYCOL, VINYL ACETATE, BUTYL ACRYLATE

B. EPA hazardous waste code	C. State hazardous waste code		
D001			
D. Source code: G13 / E. Form code: W203 Management method code for source code G25		F. Quantity generated in 2007: 2205.0	G. UOM: 1 (☐ 1 lbs/gal ☐ 2 sg) Density

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	2205.0
SITE 2			
SITE 3			

Comments:

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SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SOLVENT WASTE FROM EQUIPMENT CLEANING OPERATIONS CONTAINING GLYCOL ETHER

B. EPA hazardous waste code	C. State hazardous waste code		
D001			
D. Source code / E. Form code		F. Quantity generated in 2007	G. UOM / Density
G13 / W203		1373.0	1 ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	1373.0
SITE 2			
SITE 3			

Comments:

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SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM PRODUCTION STRIPPINGS CONTAINING METHYLCYCLOHEXANE

B. EPA hazardous waste code	C. State hazardous waste code		
D001			
D. Source code: G07 / E. Form code: W203 Management method code for source code G25		F. Quantity generated in 2007: 2400.0	G. UOM: 1 / Density ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	2400.0
SITE 2			
SITE 3			

Comments:

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SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM EQUIPMENT CLEANING; MINERAL SPIRITS

B. EPA hazardous waste code	C. State hazardous waste code		
D001			
D. Source code: G13 / E. Form code: W203 / Management method code for source code G25		F. Quantity generated in 2007: 2213.0	G. UOM: 1 / Density: ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	2213.0
SITE 2			
SITE 3			

Comments:

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SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE OFF-SPEC PRODUCT CONTAINING; ETHANOL, PMA GLYCOL ETHER ACETATE

B. EPA hazardous waste code	C. State hazardous waste code		
D001			
D. Source code: G07	E. Form code: W203	F. Quantity generated in 2007: 4400.0	G. UOM: 1 (☐ 1 lbs/gal ☐ 2 sg) Density
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	4400.0
SITE 2			
SITE 3			

Comments:

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SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM EQUIPMENT CLEANING OPERATIONS CONTAINING; ISODECYL ALCOHOL, ARSENIC

B. EPA hazardous waste code	C. State hazardous waste code		
D004			
D. Source code: G13	E. Form code: W203	F. Quantity generated in 2007: 1800.0	G. UOM: 1 (☐ 1 lbs/gal ☐ 2 sg) Density
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H040	1800.0
SITE 2			
SITE 3			

Comments:

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SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE OFF-SPEC RAW MATERIAL CONTAINING; MEK, AMP, POLYMER DISPERSION

B. EPA hazardous waste code	C. State hazardous waste code		
D0035			
D. Source code: G07	E. Form code: W203	F. Quantity generated in 2007: 2700.0	G. UOM: 1 — Density: ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	2700.0
SITE 2			
SITE 3			

Comments:

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SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM PRODUCTION STRIPPINGS; METHYL ETHYL KETONE

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F005			
D. Source code	**E. Form code**	**F. Quantity generated in 2007**	**G. UOM** / **Density**
G07	W203	179020.0	1 / ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	179020.0
SITE 2			
SITE 3			

Comments:

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SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM CLEANING OPERATIONS CONTAINING; METHANOL, DMAC

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F003			
D. Source code: G13	E. Form code: W203	F. Quantity generated in 2007: 1350.0	G. UOM: 1 (☐ 1 lbs/gal ☐ 2 sg) Density
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	1350.0
SITE 2			
SITE 3			

Comments:

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SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM EQUIPMENT CLEANING OPERATIONS CONTAINING; XYLENE, ISOBUTYL ALCOHOL

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F003 F005			
D. Source code	**E. Form code**	**F. Quantity generated in 2007**	**G. UOM** / **Density**
G13	W203	11983.0	1 ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	11983.0
SITE 2			
SITE 3			

Comments:

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SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM EQUIPMENT CLEANING OPERATIONS CONTAINING; METHANOL, NAPTHA, MYRISTOLEIC ACID

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F003 F005			
D. Source code: G13 / E. Form code: W203 / Management method code for source code G25		F. Quantity generated in 2007: 5480.0	G. UOM: 1 / Density: ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	5480.0
SITE 2			
SITE 3			

Comments:

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SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM EQUIPMENT CLEANING OPERATIONS CONTAINING MEK

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F003 F005			
D. Source code	**E. Form code**	**F. Quantity generated in 2007**	**G. UOM / Density**
G13	W203	2650.0	1 ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	2650.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM EQUIPMENT CLEANING OPERATIONS; HEPTANE, METHANOL

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F003			
D. Source code: G13 / E. Form code: W203 / Management method code for source code G25		F. Quantity generated in 2007: 365.0	G. UOM: 1 / Density: ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1
☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	SCD036275626	H061	365.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE OBSOLETE PRODUCT CONTAINING DI-LAUROYL PEROXIDE

B. EPA hazardous waste code	C. State hazardous waste code		
D001			
D. Source code: G11 / E. Form code: W203 / Management method code for source code G25		F. Quantity generated in 2007: 10.0	G. UOM: 1 / Density: ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	MID980991566	H061	10.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE OFF SPEC RAW MATERIAL CONTAINING VINYL ACETATE

B. EPA hazardous waste code	C. State hazardous waste code		
D001			
D. Source code: G07 / E. Form code: W203 / Management method code for source code G25		F. Quantity generated in 2007: 33676.0	G. UOM: 1 / Density: ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	MID980991566	H061	33676.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
CORROSIVE WASTEWATER FROM PROCESS STRIPPING CONTAINING 2-HYDROXY (METHYL THIO) BUTANOIC ACID

B. EPA hazardous waste code	C. State hazardous waste code		
D002			
D. Source code: G07 / Management method code for source code G25	E. Form code: W113	F. Quantity generated in 2007: 1310.0	G. UOM: 1 (☐ 1 lbs/gal ☐ 2 sg) Density

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	MID980991566	H040	1310.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
CORROSIVE WASTE WATER FROM PROCESS STRIPPING CONTAINING; MMBA, CAUSTIC

B. EPA hazardous waste code	C. State hazardous waste code		
D002			
D. Source code: G07 / E. Form code: W113 Management method code for source code G25		F. Quantity generated in 2007: 802.0	G. UOM: 1 / Density: ☐ 1 lbs/gal ☐ 2 sg

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	MID980991566	H040	802.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
CORROSIVE WASTE WATER FROM PROCESS STRIPPING CONTAINING 2,5 FURANDIONE

B. EPA hazardous waste code	C. State hazardous waste code		
U147			
D. Source code: G07	E. Form code: W113	F. Quantity generated in 2007: 290.0	G. UOM: 1 Density: ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	MID980991566	H040	290.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
CORROSIVE WASTE WATER FROM TANK CLEANING OPERATIONS CONTAINING FORMALDEHYDE

B. EPA hazardous waste code	C. State hazardous waste code		
U122			
D. Source code: G13	E. Form code: W113	F. Quantity generated in 2007: 35200.0	G. UOM: 1 ☐ 1 lbs/gal ☐ 2 sg Density
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	PAD085690592	H040	35200.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
DISCARDED CHEMICAL FROM EQUIPMENT CLEANOUT; MALEIC ANHYDRIDE

B. EPA hazardous waste code	C. State hazardous waste code		
D002 U147			
D. Source code	**E. Form code**	**F. Quantity generated in 2007**	**G. UOM / Density**
G13	W409	400.0	1 ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	OHD093945293	H061	400.0
SITE 2			
SITE 3			

Comments:

MALEIC ANHYDRIDE

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM PRODUCTION STRIPPING CONTAINING; METHANOL, METHYL ACETATE

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F003			
D. Source code	**E. Form code**	**F. Quantity generated in 2007**	**G. UOM / Density**
G07	W203	17430.0	1 ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	OHD093945293	H061	17430.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM EQUIPMENT CLEANING OPERATIONS CONTAINING; TOLUENE, MALEIC ANHYDRIDE

B. EPA hazardous waste code	C. State hazardous waste code		
D001 D002 F005			
D. Source code	**E. Form code**	**F. Quantity generated in 2007**	**G. UOM** / **Density**
G13	W203	1200.0	1 ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	OHD093945293	H061	1200.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM EQUIPMENT CLEANING OPERATIONS; TOLUENE

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F005			
D. Source code: G13	E. Form code: W203	F. Quantity generated in 2007: 2031.0	G. UOM: 1 (☐ 1 lbs/gal ☐ 2 sg) Density
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	OHD093945293	H061	2031.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
ORGANIC SOLIDS CONTAINING IGNITABLE SOLVENT FROM EQUIPMENT CLEANOUT OPERATIONS; TOLUENE

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F005			
D. Source code / **E. Form code**		**F. Quantity generated in 2007**	**G. UOM** / **Density**
G13 / W409		800.0	1 ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	OHD093945293	H061	800.0
SITE 2			
SITE 3			

Comments:

ORGANIC SOLIDS CONTAINING TOLUENE

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SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT FROM EQUIPMENT CLEANOUT OPERATIONS CONTAINING; CYCLOHEXANE, ETHYL ACETATE

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F003			
D. Source code	**E. Form code**	**F. Quantity generated in 2007**	**G. UOM / Density**
G13	W203	400.0	1 ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	OHD093945293	H061	400.0
SITE 2			
SITE 3			

Comments:

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SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT COMPRESSOR OIL CONTAMINATED WITH TOLUENE

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F005			
D. Source code / E. Form code		F. Quantity generated in 2007	G. UOM / Density
G13 / W203		9284.0	1 ☐ 1 lbs/gal ☐ 2 sg
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	OHD093945293	H061	9284.0
SITE 2			
SITE 3			

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER

SITE NAME: DANCHEM TECHNOLOGIES, INC.

EPA ID NO: **VAD988170684**

FORM GM

US ENVIRONMENTAL PROTECTION AGENCY

2007 HAZARDOUS WASTE REPORT

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions begining on page 19 of the instructions and forms booklet before completing this form

SEC. 1

A. Waste description
IGNITABLE SPENT SOLVENT AND CONTAMINATED FILTERS TRANSFER OPERATIONS; TOLUENE

B. EPA hazardous waste code	C. State hazardous waste code		
D001 F005			
D. Source code: G19	E. Form code: W310	F. Quantity generated in 2007: 80.0	G. UOM: 1 (☐ 1 lbs/gal ☐ 2 sg) Density
Management method code for source code G25			

SEC. 2

Was any of this waste managed on site?
☐ 1. Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1 ☒ 2. No (SKIP TO SEC.3)

	On-site management method code	Quantity treated, disposed, or recycled on site in 2007
ON-SITE PROCESS 1		
ON-SITE PROCESS 2		

SEC. 3

A. Was any of this waste shipped off site in 2007 for treatment, disposal, or recycling?
☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped	C. Off-site management method code shipped to	D. Total Quantity Shipped in 2007
SITE 1	OHD093945293	H061	80.0
SITE 2			
SITE 3			

Comments:

CONTAMINATED OIL FILTERS AND SOLIDS

Attachment 8
Photos

Photo 1: Plant 2 Warehouse – waste lime accumulation container

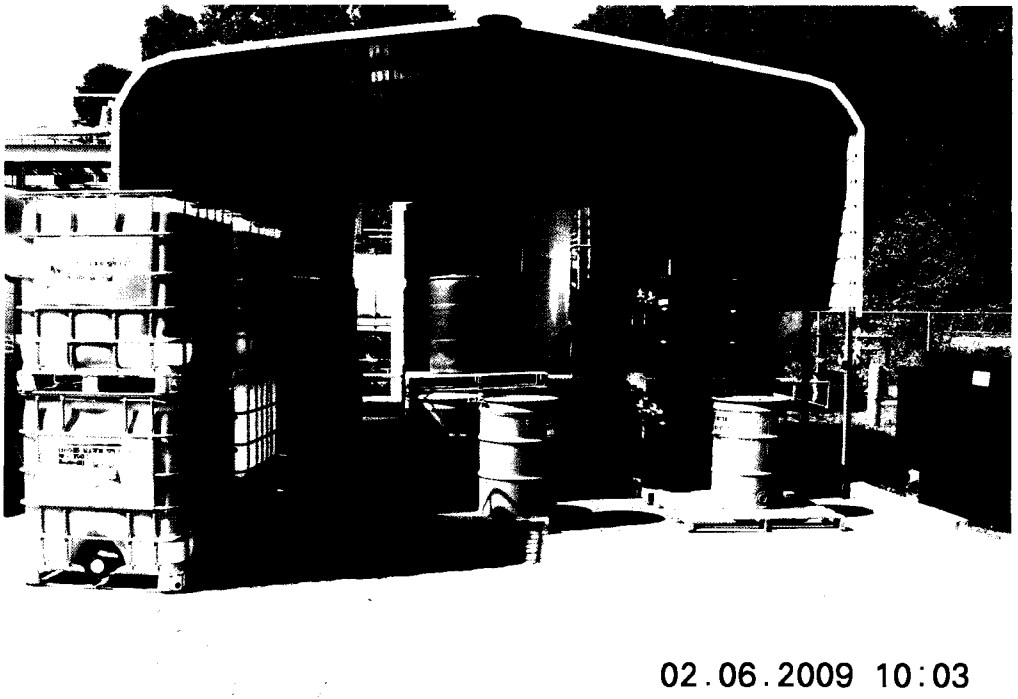

Photo 2: Hazardous Waste Storage Pad

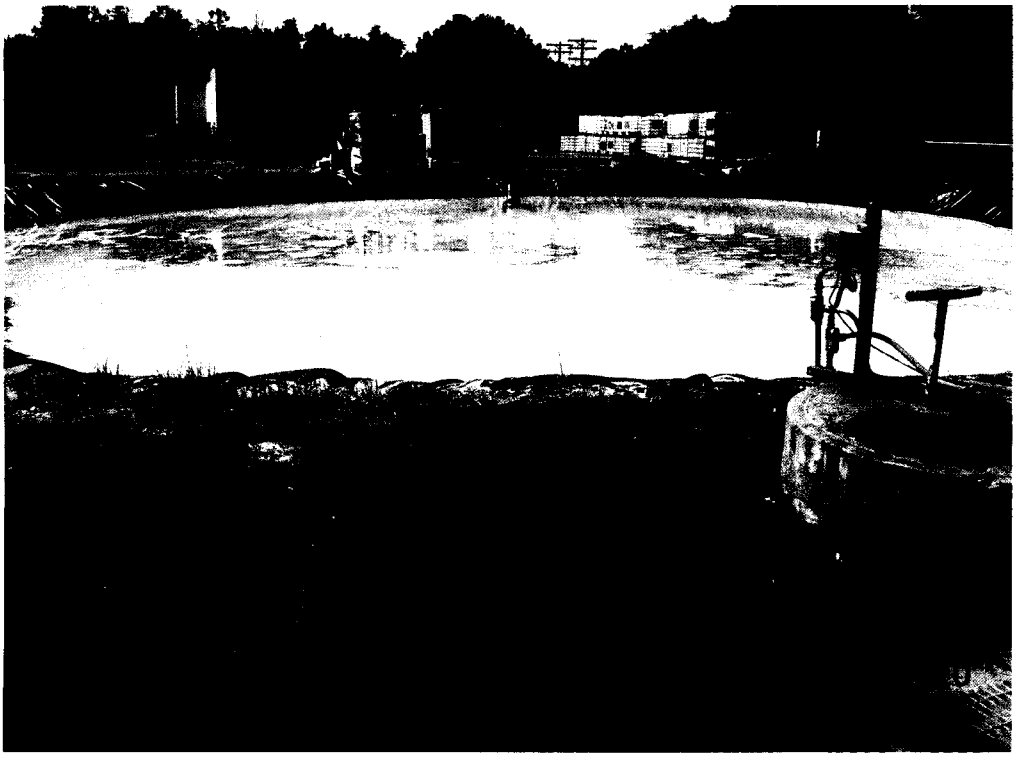

Photo 3: Wastewater Treatment Basin

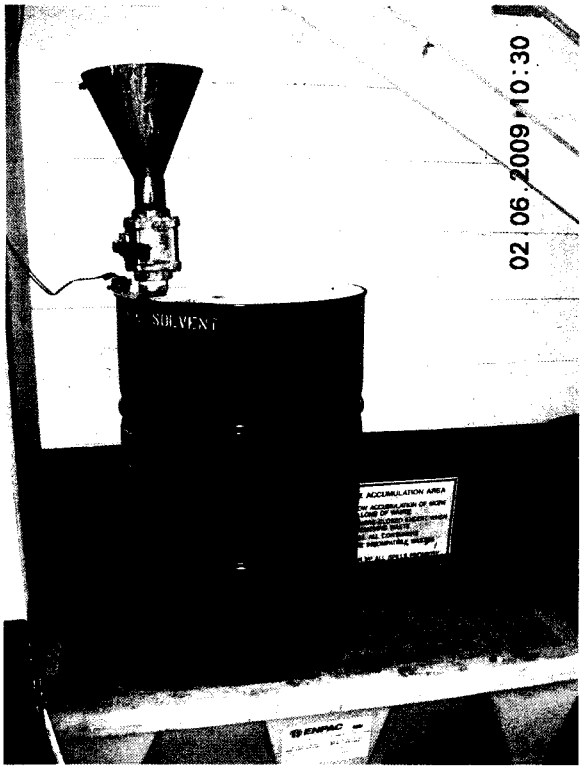

Photo 4: Lab – satellite hazardous waste accumulation container

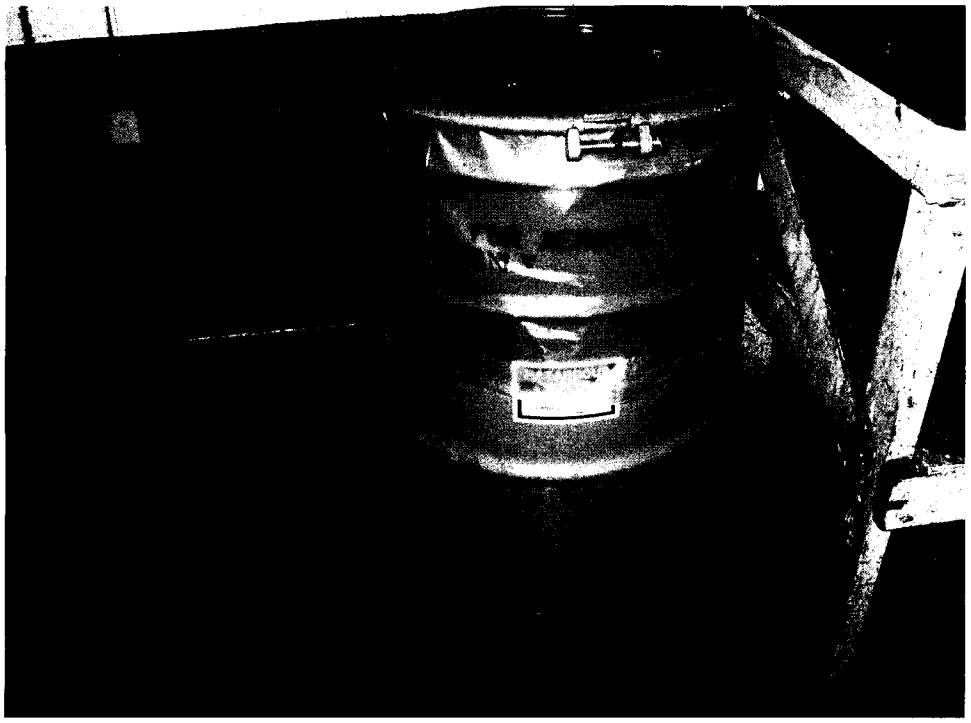

Photo 5: Maintenance Shop – waste aerosol can accumulation container

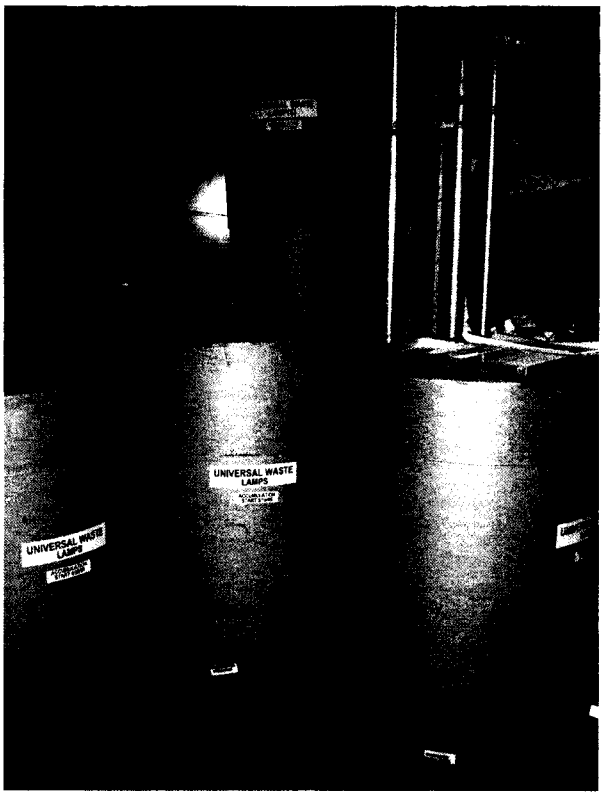

Photo 6: Maintenance Shop – universal waste bulb storage

Photo 7: Storage Shed – used oil accumulation containers